

FACING THE **FUTURE**

INDEX

VERY CLEAR IDEAS	5	05V3V3H6-F 30X0.75 MM2+ CAT 7	66
QUITE SIMPLY, WE MANUFACTURE CABLES	6	05V3V3H6-F 8G0.75 MM2+ 2CAT 7	68
RESOLVING CHALLENGES QUALITY	9	H05V3V3H6-F N° G075 + 2X2X050	70
PARTICIPATE PROJECTS DEMANDING	11	2CAT 7 S/FTP PVC	72
WHEREVER YOU ARE AND HOWEVER YOU WANT	12	4CAT 7 S/FTP PVC	74
COMMITMENT TO THE ENVIRONMENT	14	H07Z-K	76
MODERNIZATION OF ELEVATORS	16	H07Z1-K (AS)	77
CABLE CONECTORS	17	H05Z-K	78
CUSTOM MADE CABLES	18	ES05Z1-K (AS)	79
PRODUCTS	19	H07ZZ-F	80
H05V-K	20	H05Z1Z1-F	81
H05V2-K	21	RZ1-K (AS)	82
H07V-K	22	03Z1Z1-F	83
H07V2-K	23	3X0.75MM2 + 2X0.75MM2	84
H05V-U	24	BRAIDED GAVEL HALOGEN FREE	85
H05V2-U	25	07Z1Z1H6-F	86
H07V-U	26	30X0.75+3G1.5+3(4X0.25)	88
H07V2-U	27	05Z1Z1H6-F SECTION 0.75	90
H07V-R	28	05Z13Z13H6-F N° G 0.75+2X0.25 FTP+2X0.34 UTP	92
RV-K 0.6/1KV	29	LSZH 3 CAT 7 4X2 AWG26 S/UTP 2 COAX 75 OHMS	94
H05VV-F	30	05Z13Z13H6-F BUS 2X2X0.34 MM2 FTP	96
H03VV-F	31	LSZH 3 CAT 7 4X2 AWG26 S/UTP 2 COAX 75 OHMS	98
VV-K 0.6/1KV	32		
H05VV5-F	33		
BRAIDED GAVEL	34		
CANBUS H05VV-F	36		
VV-K CABLE KEYPADS	37		
H07VVH6-F	38		
H05V3V3D3H6-F	40		
H05VVH6-F 16G0.75 + 8X0.5	41		
H05VVH6-F SECTION 0.75 OR 1	42		
FLAT LIFT CABLE 8X2X0.50 + 4X1.5 + 2 COAXX75Ω	44		
FLAT LIFT CABLE 16G0.75 + 4X(2X0.25)	46		
H05V3V3H6-F N° G 0.75+2X0.25 FTP+2X0.34 UTP	48		
H05V3V3H6-F BUS 2X0.25	50		
H05V3V3H6-F 24G0.75+COAX HF75	52		
H05V3V3H6-F 2X2X0.34	54		
H05V3V3H6-F 28G 0.75+2X0.50 FTP 95	56		
(H)05VVH6-F 1 8X0.75MM2+2X(2X0.34)MM2+6G 1.5MM2	58		
H05V3V3H6-F NG0.75 + 2X2X0.50	60		
05V3V3H6-F 16G0.75 + 6X0.5 + 2X(2X0.25)	62		
H05V3V3H6-F N°G 0.75 + 2X0.50 FTP 95	64		



IN **1965**, THE MARRIAGE OF **VICTORIA GALARREGUI RUIZ** AND **PEDRO GALARREGUI ECHENIQUE** STARTED A BUSINESS PROJECT DEDICATED TO THE **MANUFACTURING OF ELECTRICAL COMPONENTS**

VERY CLEAR IDEAS

In 1965 the married couple Pedro Galarregui Echenique and Victoria Galarregui Ruiz started a business project called Industrias Pevi. The activity was the manufacture of plastic covered electric conductors for the housing sector and electric switchboard facilities in the industrial sector.

At that time, Pedro and Victoria set the bases of their project. It was to be a company committed to its customers, where product quality and customer attention were the distinguishing features, and that the company would contribute to the development of the town through the creation of jobs for families in the Valley. At the present time, all our employees reside in the valley, as do their families.

Over the years, the manufactured product has evolved, specializing in the manufacture of cables on demand for elevators, communications and facilities.

QUITE SIMPLY, WE **MANUFACTURE** CABLES

Industrias Pevi is a company that for 50 years has been manufacturing electric cables for lifts, communications and facilities, both public and commercial buildings and for the housing sector.

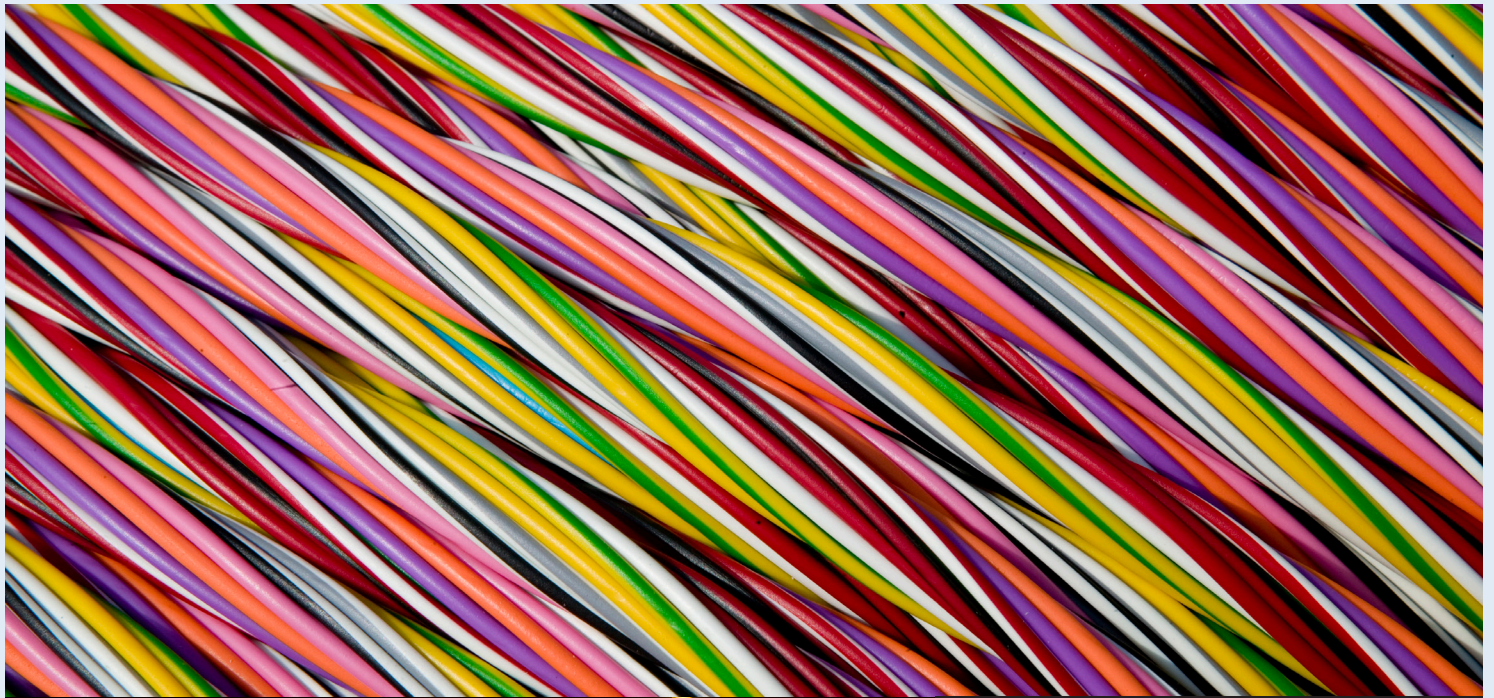
The incorporation of the next family generation in the Management has made Industrias Pevi, which continues to keep its foundational principles of commitment to customers and the development of the town, expand its range of electric cables to other types, namely data cables and optic fibre.

The present 7,500 m² of facilities are divided into the departments of production, management and administration, laboratory and quality control; and are the result of various extensions built to the original construction to adapt to production requirements.

The company is strategically located on the northern border of Navarra giving us fluid communication, approximately 1 hour, with Pamplona, San Sebastian, Bilbao and Bordeaux.

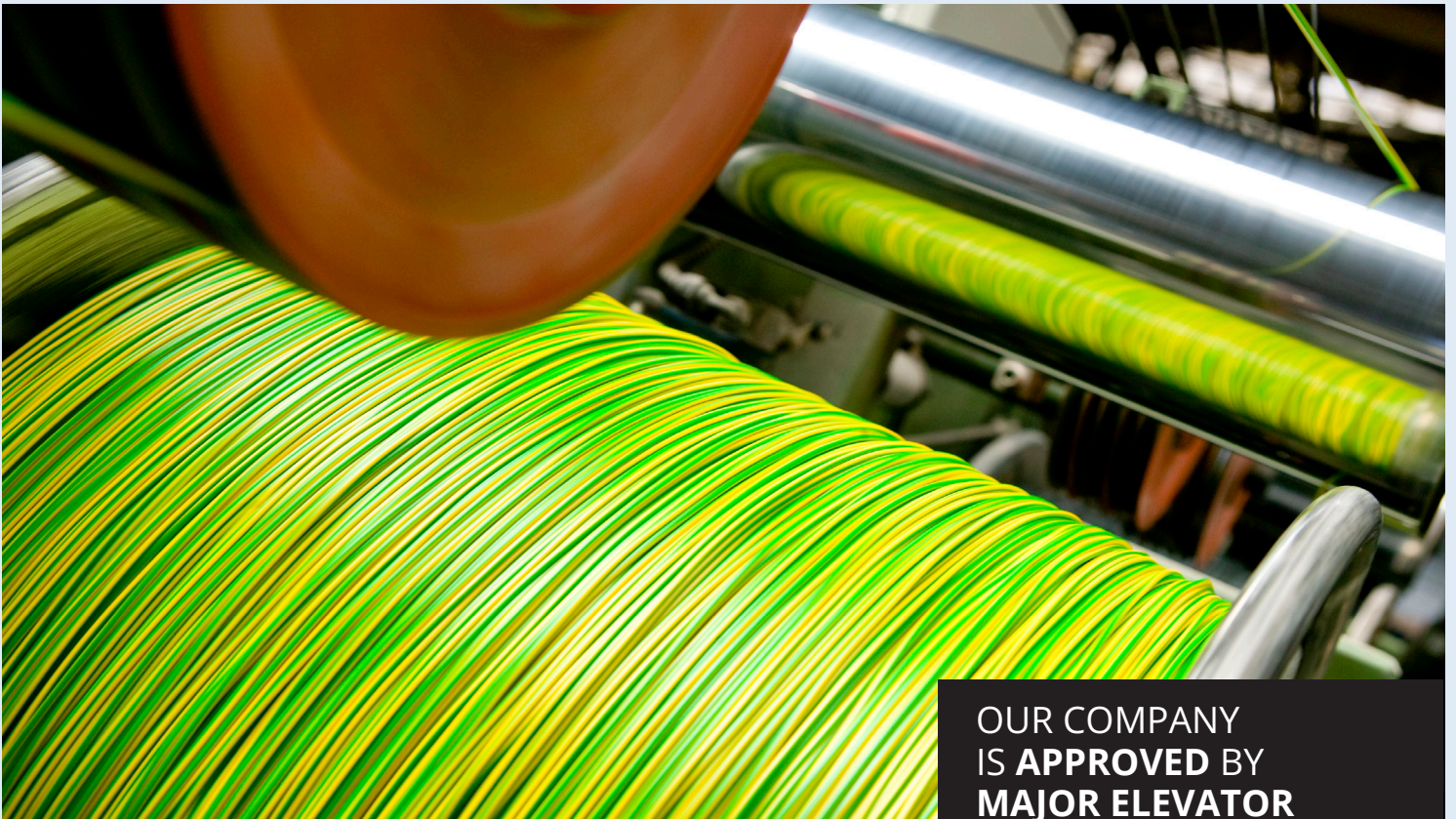
Our cables are designed and manufactured in accordance with international regulations, and have the AENOR and UL certificate of quality.

We specialise in the manufacture of cables on demand for our customers. We analyse, together with the customer, the type of cable they need for their project and then manufacture it.



INDUSTRIAS PEVI
CONTINUES TO KEEP ITS
FOUNDATIONAL PRINCIPLES
OF **COMMITMENT TO**
CUSTOMERS AND THE
DEVELOPMENT OF THE
TOWN





OUR COMPANY
IS **APPROVED** BY
MAJOR ELEVATOR
COMPANIES OF THE
WORLD



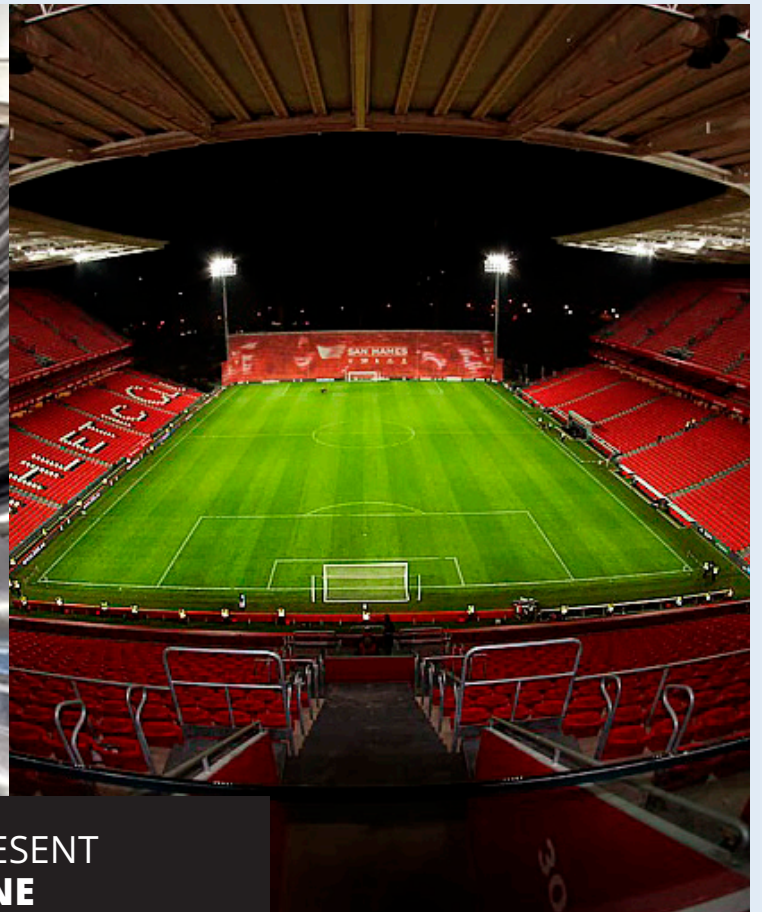
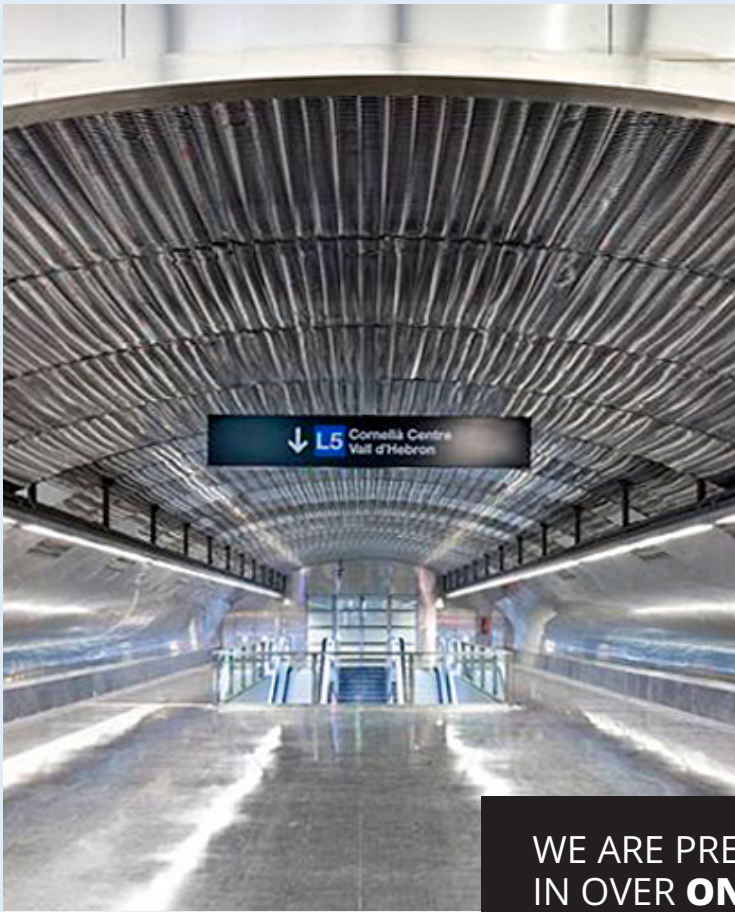
RESOLVING CHALLENGES QUALITY

For this reason, our greatest successes are projects which we undertake together with our customers, to develop cables that solve their needs in transporting energy and data for each project. They propose their needs and we put forward solutions based on four premises: finding the best quality and reliability, at the best prices and with the best service.

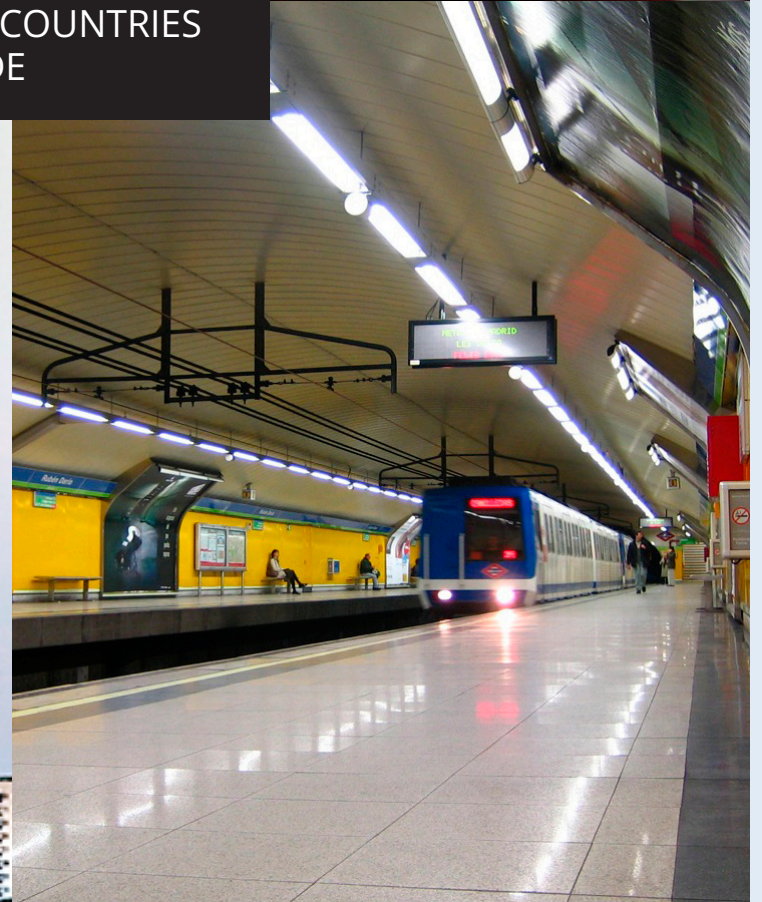
The R+D+i department of Industrias Pevi boasts specialised personnel who offer technical advice so as to prepare the proposal that best adapts to customers' needs.

Our constant commitment to quality has resulted in us obtaining the certificates: AENOR registered firm, ISO 9001 and ISO 14001. In addition, our products have the UL and AENOR product certification.





WE ARE PRESENT
IN OVER **ONE**
HUNDRED COUNTRIES
WORLDWIDE



PARTICIPATE **PROJECTS** DEMANDING

Pevi Industries is present in over 100 countries spread across sectors as diverse as construction, shipbuilding, elevators, wind and solar power, machine tool ...

We also participate in the works of representative buildings and hotels, museums extensions and improvements, infrastructure of airports and subways.

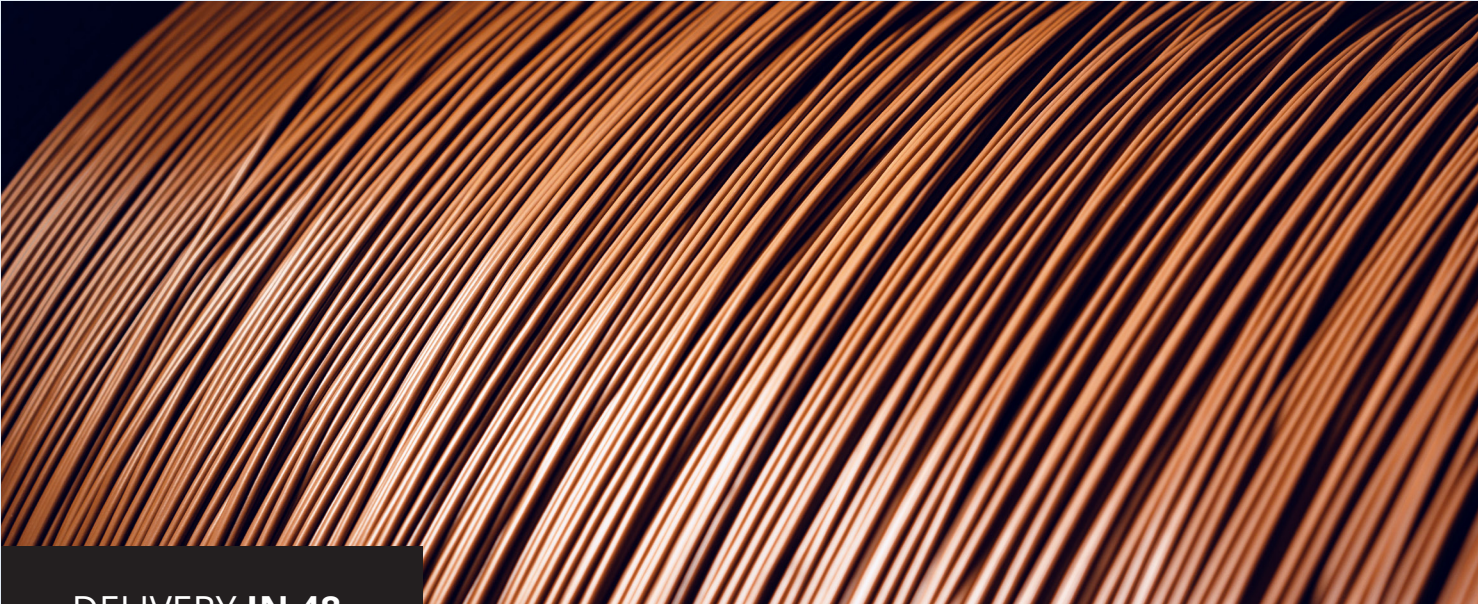
WHEREVER YOU ARE AND HOWEVER **YOU WANT**

The termination of the product to be sent to the customer is carried out following his/her instructions, delivery being made in large or small coils or in boxes.

Distribution is adapted to the needs of the customer following the maximum deadline of delivery in 48 hours within the European Union.

To do this we have all our own means to undertake distribution in a short radius from our facility and with the cooperation of specialised transport companies for the rest.

We have a logistics network that gets our cables to any part of the world in the shortest and safest time possible so that they are received on time.



DELIVERY IN **48**
HOURS WITHIN
THE EUROPEAN
UNION



COMMITMENT TO **THE** **ENVIRONMENT**



Industrias Pevi is situated in the north east of Navarra, in Elvetea-Elizondo, a town in the Baztan Valley which is characterised for the beauty of its landscape which gives us a congenial, varied and pleasant environment in which to live.

The characteristics of the setting where we are located calls for a total commitment to the environment. For this reason, our company is certified by AENOR with the ISO 14001 on Environmental Management which means the control of raw materials, reduction in energy and water consumption, the utilisation and minimisation of waste and the reduction of packaging, warehousing and transport costs.

In accordance with European Union legislation, our cables comply with CPR (Construction Product Regulation). This regulation defines the performance of cables with respect to reaction and resistance to fire, and emissions of hazardous substances.

An aerial photograph of the Baztan Valley, showing a mix of green pastures, brown forested hills, and a small town with white buildings and red roofs. The valley is surrounded by large, rounded mountains in the background. A black text box is overlaid on the left side of the image.

BAZTAN VALLEY
IS CHARACTERIZED
BY THE BEAUTY OF
ITS **LANDSCAPE**

MODERNIZATION OF **ELEVATORS**

PEVI Cables provides LAN cables specially designed to provide high-speed data, Ethernet, in modernization of existing lifts without changing the cable main traveler.

They are available in all versions from CAT5e up CAT6a both UTP, FTP and SFTP, for high speed Ethernet links.



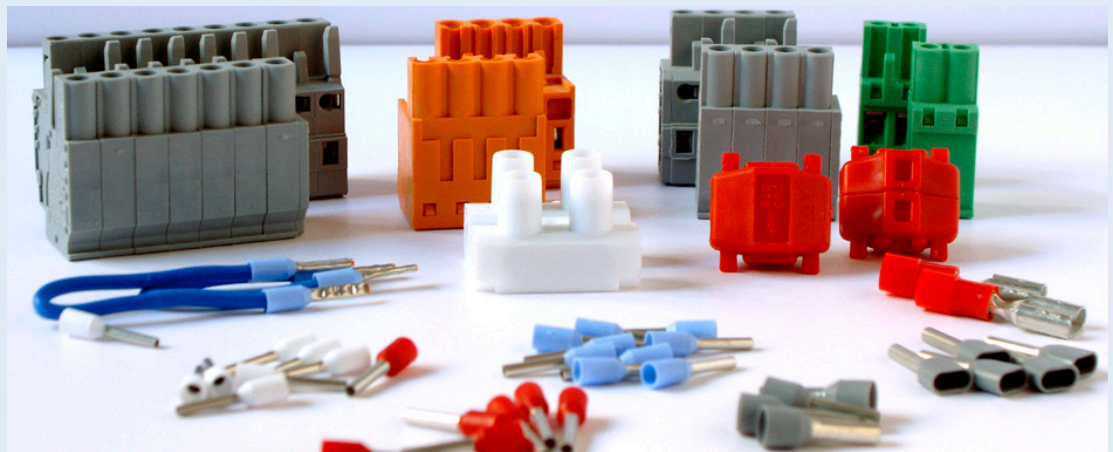
CABLE CONNECTORS

From the simple component to complex elements of automation.

Energy efficiency, easy management, safety and speed of installation are only some of the demands of modern construction.

We work with the best and most serious suppliers, so that our connectors ensure that your fittings comply with all your demands.

We have an ample range of connectors so as to deliver your cables ready to be installed and function.



CUSTOM MADE CABLES

We incorporate cutting wire as a part of our production processes. We can deliver orders according to the specifications provided by the customer to adapt the cable to your needs.

With this process a considerable saving of time occurs in the production processes of our customers.



PRODUCTS

H05V-K



INFORMATION

Applications

Cable for use in fixed installations protected inside, wiring electrical or electronic equipment for signaling or control. Especially suitable for domestic wiring distributors, cabinets and lighting.

Standard	UNE-EN 50525-2-31 IEC 60227-3 IEC 60332-1-2 UNE - EN 60332-1-2 (Flame propagation)
Conductor	Wire Class 5 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	300 - 500V
Minimum temperature test	-15°C
Operating temperature	70°C
Loop	5D
Insulation	PVC
Printing	AENOR <HAR> PEVI H05V-K

PRODUCT

Section	0.5 mm ²	0.75 mm ²	1 mm ²
Composition copper	16 wire x 0.20 mm	24 wire x 0.20 mm	32 wire x 0.20 mm

Further dimensions and compositions on demand.

H05V2-K



INFORMATION

Applications	Flexible cable for fixed installations unifilar thermoplastic insulation (PVC) heat-resistant (90 °)
Standard	UNE-EN 50525-2-31 IEC 60227-3 IEC 60332-1-2 UNE - EN 60332-1-2 (Flame propagation)
Conductor	Wire Class 5 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	300 - 500V
Minimum temperature test	-15°C
Operating temperature	90°C
Loop	5D
Dimensiones	According to UNE-EN 50525-2-31 IEC 60227-3
Insulation	PVC
Printing	AENOR <HAR> PEVI H05V2-K

PRODUCT

Section	0.5 mm ²	0.75 mm ²	1 mm ²
Composition copper	16 wire x 0.20 mm	24 wire x 0.20 mm	32 wire x 0.20 mm

Further dimensions and compositions on demand.

H07V-K



INFORMATION

Applications	Suitable for fixed installations protected wiring in homes, stores and offices, electrical control panels and lighting.
Standard	UNE-EN 50525-2-31 IEC 60227-3 IEC 60332-1-2 UNE - EN 60332-1-2 (Flame propagation)
Conductor	Wire Class 5 according to UNE-EN 60228. IEC 60228
Section	1.5 to 120 mm ²
Nominal voltage U₀/U	450 - 750V
Minimum temperature test	-15°C
Operating temperature	70°C
Loop	5D
Insulation	PVC
Printing	AENOR <HAR> PEVI H07V-K

H07V2-K



INFORMATION

Applications	Flexible cable for fixed installations unifilar thermoplastic insulation (PVC) heat-resistant (90 °)
Standard	UNE-EN 50525-2-31 UNE-EN 60332-1-2 (Flame propagation) IEC 60332-1-2 (Flame propagation)
Conductor	Flexible Clase 5 según UNE-EN 60228. IEC60228
Nominal voltage U_0/U	450/750 V
Minimum temperature test	-15°C
Operating temperature	90°C
Loop	5D
Dimensiones	According to UNE-EN 50525-2-31
Insulation	PVC
Printing	AENOR <HAR> PEV H07V2-K

PRODUCT

Product AENOR < HAR > with limitation sections 1.5 to 4 mm².

Further dimensions and compositions on demand.

H05V-U



INFORMATION

Applications	Single conductor cable with thermoplastic PVC insulation Cabling protected fixed installations.
Standard	UNE-EN 50525-2-31 IEC 60227-3 IEC 60332-1-2 (Flame propagation) UNE - EN 60332-1-2 (Flame propagation)
Conductor	A single wire conductor Class 1 to EN 60228.
Nominal voltage U_0/U	300 - 500V
Minimum temperature test	-15°C
Operating temperature	70°C
Insulation	PVC
Printing	AENOR <HAR> PEVI H05V-U

PRODUCT

Section	0.5 mm ²	0.75 mm ²	1 mm ²
Dimensions	UNE-EN 50525-2-31 IEC 60227-3		

Further dimensions and compositions on demand.

H05V2-U



INFORMATION

Applications	Cable for use in fixed installations, electrical or electronic equipment.
	According to REBT 2002 (ITC-BT 30) local facilities special features, local high temperature.
Standard	UNE-EN 50525-2-31 EN 50525-2-31 UNE - EN 60332-1-2 (Flame propagation)
Conductor	A stiff wire only Class 1 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	300 - 500V
Test voltage	2,000V en CA
Minimum temperature test	-15°C
Operating temperature	90°C
Insulation	PVC
Printing	AENOR <HAR> PEVI H05V2-U

H07V-U



INFORMATION

Applications	Hard wire single line suitable for fixed installations protected wiring in houses, stores and offices, electrical control panels and lighting. Thermoplastic insulation (PVC)
Standard	UNE-EN 50525-2-31 IEC 60227-3 IEC 60332-1-2 (Flame propagation) UNE - EN 60332-1-2 (Flame propagation)
Conductor	A single wire conductor Class 1 to EN 60228.
Nominal voltage U_0/U	450 - 750V
Minimum temperature test	-15°C
Operating temperature	70°C
Dimensions	According to UNE-EN 50525-2-31 IEC 60227-3
Insulation	PVC
Printing	AENOR <HAR> PEVI H07V-U

PRODUCT

Section	1.5, 2.5 y 4 mm ²
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Further dimensions and compositions on demand.

H07V2-U



INFORMATION

Applications	Hard wire single line suitable for wiring fixtures, electrical or electronic equipment control special features as REBT 2002 (ITC-BT 30), due to its high temperature.		
Standard	UNE-EN 50525-2-31 IEC 60332-1-2 (Flame propagation) UNE - EN 60332-1-2 (Flame propagation)		
Conductor	A single wire conductor Class 1 to EN 60228.		
Nominal voltage U_0/U	450/750 V		
Minimum temperature test	-15°C		
Operating temperature	90°C		
Dimensions	According to UNE-EN 50525-2-31		
Insultation	PVC		
Printing	AENOR <HAR> PEVI H07V2-U		

PRODUCT

Section	1.5 mm ²	2.5 mm ²	4 mm ²
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Further dimensions and compositions on demand.

H07V-R



INFORMATION

Applications	Cable with rigid conductor and thermoplastic insulation (PVC) suitable for fixed wiring installations in homes, stores and offices, electrical control panels and lighting.
Standard	UNE-EN 50525-2-31 UNE-EN 60332-1-2 (Flame propagation) IEC 60227-3 IEC 60332-1-2 (Flame propagation)
Conductor	Copper wiring rigid class 2 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	450 - 750V
Minimum temperature test	-15°C
Operating temperature	70°C
Insulation	PVC
Printing	AENOR <HAR> PEVI H07V-R

PRODUCT

Section	6, 16 y 25 mm ²
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Further dimensions and compositions on demand.

RV-K

0.6/1KV



INFORMATION

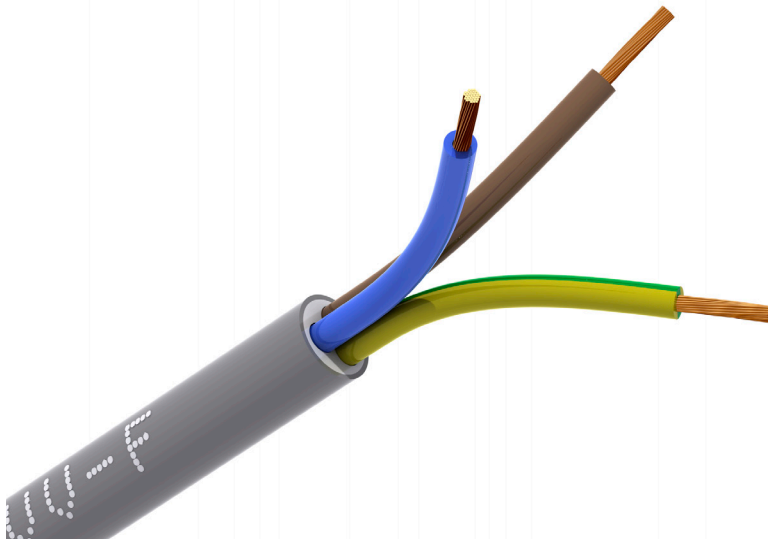
Applications

Flexible cable for fixed installation intended for the transport of energy and industrial indoor and outdoor connections in low voltage installations.

Its flexibility makes it a special cable for installations with complex paths

Standard	UNE 21123-1. UNE-EN 60332-1-2: (Flame propagation). IEC 60332.
Conductor	Flexible copper class 5 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	0.6/1kv
Tension test	3,500V AC
Minimum temperature test	-15°C
Operating temperature	90°C
Color	Black
Interior colors	Color according to HD 308.
Insulation	Insulation: Cross-linked polyethylene XLPE type DIX3, 2nd Table UNE-HD 603-1. Cover: PVC according to UNE-HD 603-1 Table 4a Type DMV-18.
Minimum radius of curvature Cable unarmed $D^* < 25$	4D
Printing	RV-K 0.6/Kv PEVI FLEXIBLE (NgS) mm ² Year Month.

H05VV-F



INFORMATION

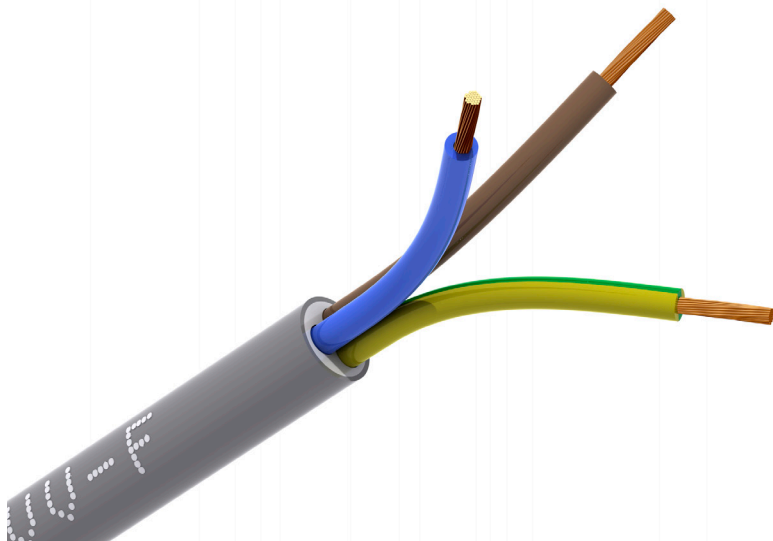
Applications	Flexible wire insulation and thermoplastic cover (PVC) to connect to the network appliances.
Standard	UNE-EN 50525-2-11 UNE-EN 60332-1-2 (Flame propagation) IEC 60227-5 IEC 60332-1-2 (Flame propagation)
Conductor	Flexible copper class 5 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	300 - 500V
Loop	3D
Minimum temperature	-30°C
Operating temperature	70°C
Dimensions	According to UNE-EN 50525-2-11 IEC 60227-5
Insulation	PVC
Cover	PVC
Printing	AENOR <HAR> PEVI H05VV-F

PRODUCT

Section	0.75 to 2.5 mm ²
Manufacturing range	2 to 5 wires

Further dimensions and compositions on demand.

H03VV-F



INFORMATION

Applications	Flexible wire insulation and thermoplastic cover (PVC) to connect to the network appliances.
Standard	UNE-EN 50525-2-11 UNE-EN 60332-1-2 (Flame propagation) IEC 60227-5 IEC 60332-1-2 (Flame propagation)
Conductor	Flexible copper class 5 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	300 - 300V
Test voltage	2,000 V en CA
Minimum temperature	-30°C
Operating temperature	70°C
Insulation	PVC tipo TI-2 according to UNE-EN 50363-3, EN 50363-3
Sheathing	PVC tipo TM-2 according to UNE-EN 50363-4-1, EN 50363-4-1
Insulation Color	Colors UNE 21089 and HD 308 S2, color coded for less than five drivers and UNE-EN 50334
Cover Color	Grey
Print	AENOR <HAR> PEVI H03VV-F

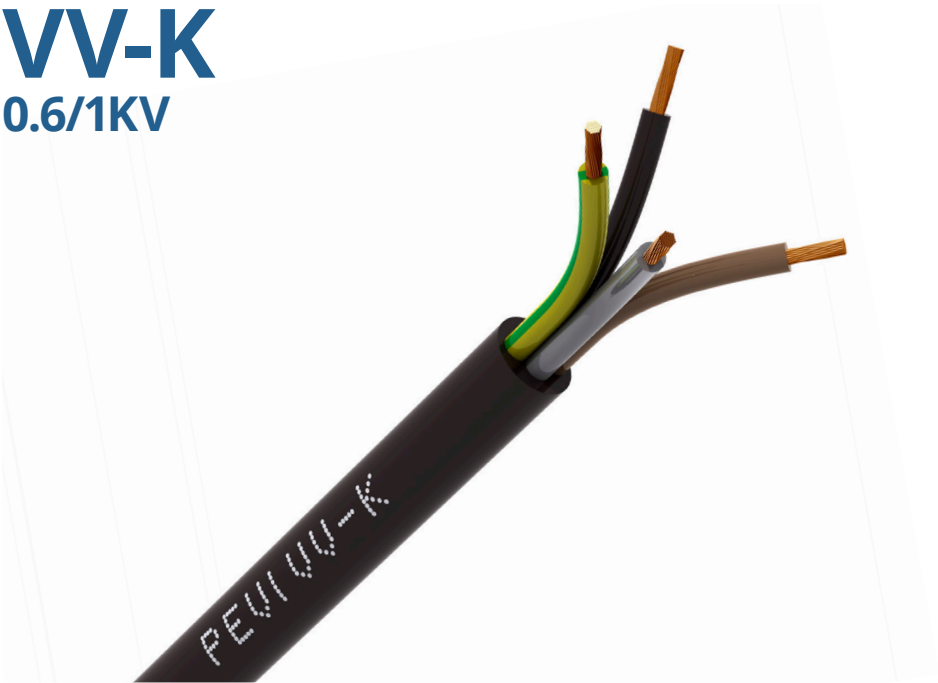
PRODUCT

Section	0.5 and 0.75 mm ²
Manufacturing range	2 to 5 wires

Further dimensions and compositions on demand.

VV-K

0.6/1KV



INFORMATION

Applications

External flexible cable for fixed installation indoors and for the transport of energy and industrial connections. Its flexibility makes it a special cable for installations with complex paths

Standard

UNE 21123-1.
UNE-EN 60332-1-2: (Flame propagation). IEC 60332.

Conductor

Flexible copper class 5 according to UNE-EN 60228. IEC 60228

Nominal voltage U₀/U

0.6/1kv

Tension test

3,500V AC

Minimum temperature test

-15°C

Operating temperature

70°C

Color

Black

Interior colors

UNE 21089 Color, color coded for less than 5 drivers and HD 308S2. Color according to UNE-EN 50334, marked by more than 5 registration for drivers and EN 50334.

Insulation

Insulation: PVC type A according to IEC 60502-1 UNE 21123. Cover: PVC type ST-1 according to UNE 21123 IEC 60502-1.

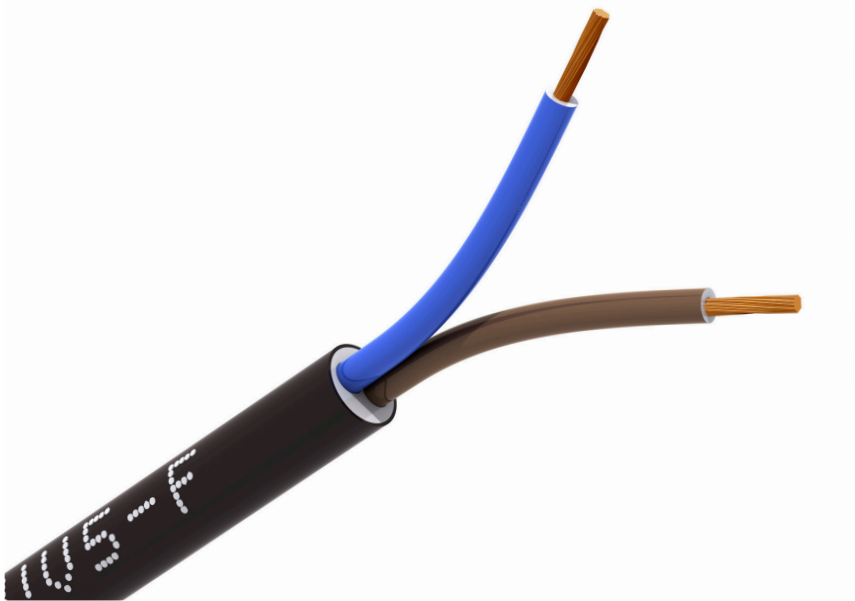
Minimum radius of curvature Cable unarmed D* < 25

4D

Printing

VV-K 0.6/Kv PEVI FLEXIBLE (NgS) mm² Year Month.

H05VV5-F



INFORMATION

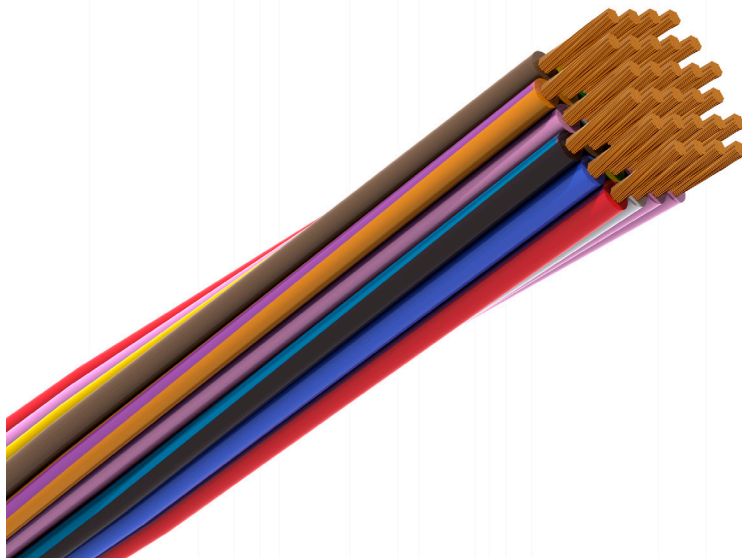
Applications	Flexible wire insulation and thermoplastic cover (PVC) to connect to the network appliances.
Standard	UNE-EN 50525-2-11 UNE-EN 60332-1-2 (Flame propagation) IEC 60227-5 IEC 60332-1-2 (Flame propagation)
Conductor	Flexible copper class 5 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	300 - 500V
Loop	3D
Minimum temperature test	-15°C
Operating temperature	70°C
Dimensions	According to UNE-EN 50525-2-11 IEC 60227-5
Insulation	PVC
Sheathing	Color Black PVC type TM5
Printing	PEVI H05VV5-F NxSECTION YEAR 500V

PRODUCT

Section	0.5 to 1 mm ²
Manufacturing range	2 to 25 wires

Further dimensions and compositions on demand.

BRAIDED GAVEL

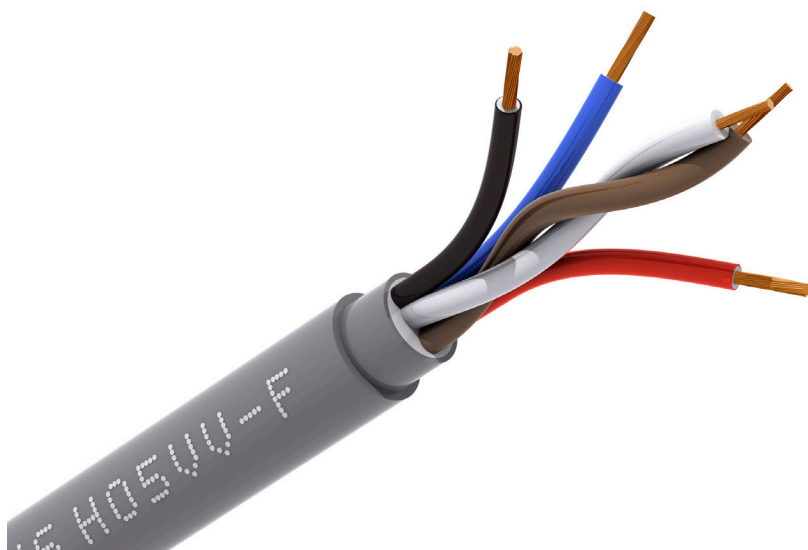


INFORMATION

Applications	Electricity transmission in fixed installation.
Standard	UNE-EN 50525-2-31 IEC 60227-3 IEC 60332-1-2 UNE - EN 60332-1-2 (Flame propagation)
Conductor	Flexible copper class 5 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	H05V-K: 300 - 500V H07V-K: 450 - 750V
Diameter	H05V-K 0.75 mm ² : 2.20 mm. + 0.1 mm/-0.05 mm. H07V-K 1.5 mm ² : 2.80 mm. + 0.1 mm/-0.05mm. H07V-K 2.5 mm ² : 3.50 mm. + 0.1 mm/-0.05mm.
Minimum temperature test	-15°C
Operating temperature	70°C
Insulation	PVC
Colors	According to customer demand



CANBUS H05VV-F



INFORMATION

Applications	Fixed installations
Standard	UNE-EN 60332-1-2 (Flame propagation) ISO-11898
Conductor	Copper class 5 according to UNE-EN 60228
Construction	3x0.75 mm ² + 2 x0.75 mm ²
Nominal voltage	500V
Data element	Twisted pair-11898 ISO. unshielded
Service temperature	-15°C to 70°
Impedance	120 Ohm (+/- 10%) a 1 Mhz
Inner diameter wires	2.20 mm (+/- 0.1 mm) R/Bk/B 2.30 mm (+/- 0.1 mm) Br/Wh
Insulation	PVC R/Bk/B High density polyethylene Br/Wh
Cover	PVC
Color	Grey
External diameter	8.70 mm (+/- 0.3 mm)

VV-K

Cable keypads



INFORMATION

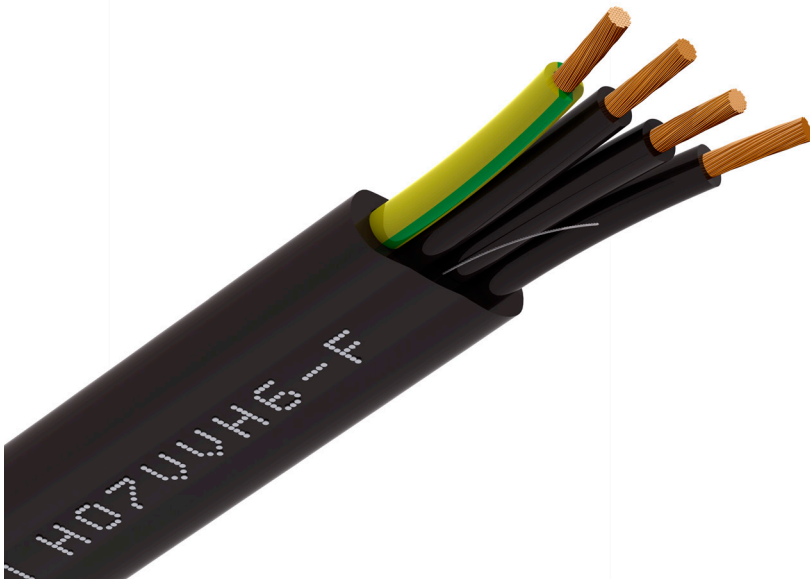
Applications	Flexible cable with side latches for crane control keypads.
Standard	UNE-EN 60332-1-2: (Flame propagation). IEC 60332.
Manufactures	Concentric layers suitable for the cable to resist twisting own use.
Conductor	Flexible copper class 5 according to UNE-EN 60228. IEC 60228
Tensión	600/1,000V.
Minimum temperature test	-15°C
Operating temperature	70°C
Color	Black
Fiador	Two side steel cables, PVC coated, forming a single cable with other electrical conductors.
Insulation and sheathing	PVC according to UNE 21123

SECTION PRODUCT INFORMATION 1.5

Cores number	8	12	15	20
Section	1.5 mm ²			
Composition copper	24 wire x 0.26 mm			
Color conductors	Black, white numbered, G: green/yellow			
Max. conductor resistance	13.3 Ohm/Km			
Dimensions approx. mm	25 X 19	32 X 18	34 X 22	38 X 28
Weight approx. Kg/Km	400	580	630	780
Min. radius of curvature	10 x wire diameter			
Tension test	3,500V AC			

Further dimensions and compositions on request.

H07VVH6-F



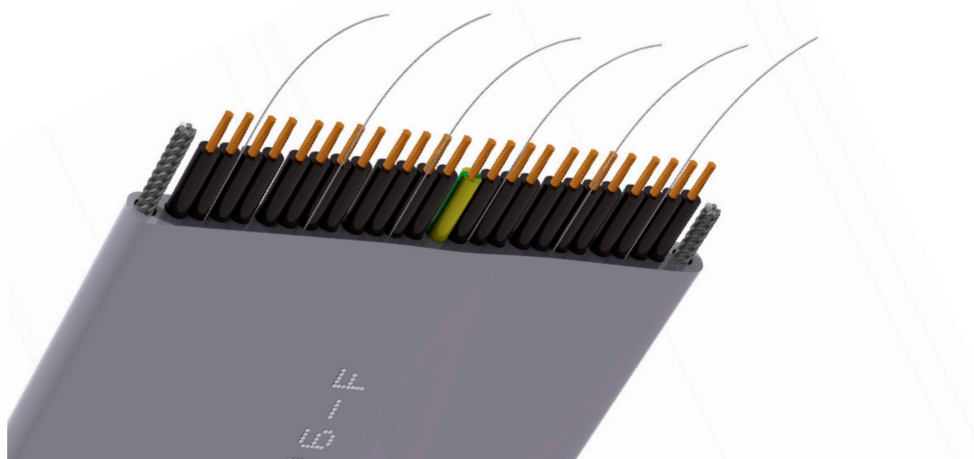
INFORMATION

Applications	Flexible Cable suspended for maneuver control crane installations.	
Standard	UNE-EN 50214 UNE-EN 60332-1-2 IEC 60332-1-2 (flame propagation) IEC 60227-6	
Conductor	Flexible Cu class 5 according to UNE 60228. IEC 60228	
Rated voltage	450 - 750V	
Minimum temperature	0°C	
Max. service temperature	70°C	
Travel speed	1.6 m/seg	
Suspension lenght	Free 35 m	Fixed 70 m
Color	Black	
Insulation and sheating	PVC	

Nº of conductors				4			
Section	1,5	2,5	4	6	10	16	25
Composition copper	24wx0.26 mm	40wx0.26 mm	48wx0.31 mm	72wx0.31 mm	69wx0.41 mm	108wx0.41 mm	167wx0.41 mm
Insulated conductor diameter	3 mm	3.50 mm	4.10 mm	4.80 mm	6.05 mm	7.25 mm	8.85 mm
Color conductors	Black white numbers, green/yellow						
Resistencia máx. electrical	13.3 Ohm/Km	7.98 Ohm/Km	4.95 Ohm/Km	3.3 Ohm/Km	1.91 Ohm/Km	1.21 Ohm/Km	0.78 Ohm/Km
Dimension approx. mm	5.35x16 mm	5.70x18 mm	6.70x22 mm	7.50x25 mm	9.20x28 mm	10.80x33 mm	12.50x40 mm
Loop	10 x Cable height						
Diameter flex.	420 mm		520 mm				
Suspensión elements	None						
Test voltage	2,500 V						

Nº of conductors		6		8		10		12		14	16
Section	1.5	2.5	1.5	2.5	1.5	2.5	1.5	2.5	1.5	1.5	1.5
Composition copper	24 w x 0.26 mm	40 w x 0.26 mm	24 w x 0.26 mm	40 w x 0.26 mm	24 w x 0.26 mm	40 w x 0.26 mm	24 w x 0.26 mm	40 w x 0.26 mm	24 w x 0.26 mm	24 w x 0.26 mm	24 w x 0.26 mm
Insulated conductor diameter	3 mm	3.50 mm	3 mm	3.50 mm	3 mm	3.50 mm	3 mm	3.50 mm	3 mm	3 mm	3 mm
Color conductors		Black white numbers, green/yellow									
Resistencia máx. electrical	13.3 Ohm/Km	7.98 Ohm/Km	13.3 Ohm/Km	7.98 Ohm/Km	13.3 Ohm/Km	7.98 Ohm/Km	13.3 Ohm/Km	7.98 Ohm/Km	13.3 Ohm/Km	13.3 Ohm/Km	13.3 Ohm/Km
Dimension approx. mm	5.35 x 23 mm	5.70 x 28 mm	5.35 x 30 mm	5.70 x 35 mm	5.35 x 37 mm	5.70 x 44 mm	5.35 x 42mm	5.70 x 4 mm	5.35 x 51 mm	5.35 x 56 mm	5.35 x 56 mm
Loop	10 x Cable height										
Diameter flex.	420 mm										
Suspensión elements	None										
Test voltage	2,500 V										

H05V3V3D3H6-F



INFORMATION

Applications	Flexible cable suspended maneuver control or small power in lifts and hoists long haul.	
Standard	UNE-EN 50214 UNE-EN 60332-1-2; IEC 60332-1-2 (Flame propagation)	
Conductor	class 5 according to UNE 60228. IEC 60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	6.3 m/seg	
Lenght	Suspension 80 m	Fixed 160 m
Color	Gray	
Insulation and sheathing	PVC	

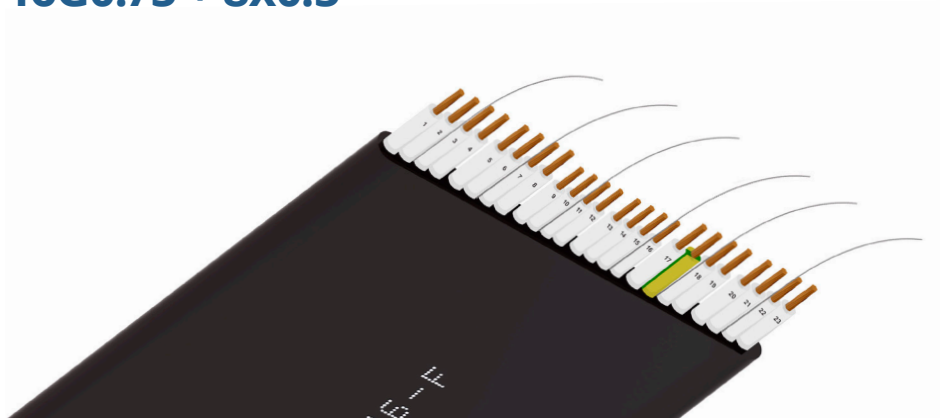
SECTION PRODUCT INFORMATION 0.75

Cores number	16	24
Section	0.75 mm ²	
Copper composition	24 Wire x 0.20 mm	
Insulated conductor diameter	2.2 mm	
Color code	Black, white numbered, G: green/yellow	
Max. conductor resistance	26 Ohm/Km	
Dimension approx. mm	4.20x50	4.20x71
Weight approx. Kg/100m	34	51
Copper content approx. g/m	115.2	172.8
Loop	10 x Cable height	
Diameter flex.	500 mm	
Suspension elements	2 steel fasteners 2 mm diameter.	
Test voltage	2,000 V	

Further dimensions and compositions on request.

H05VVH6-F

16G0.75 + 8x0.5



INFORMATION

Applications	Flexible cable for energy transport for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228	
Electrical properties	300 - 500V	
Service temperature	-20° to 70°C	
Running speed	6.3 m/sec	
Lenght	Suspension 45 m	Fixed 80 m
Colour	Black	
Insulation	PVC type T11 according EN 50363-3	
Sheath	PVC ,TYPE TM2 ACC. EN 50363-4-1	

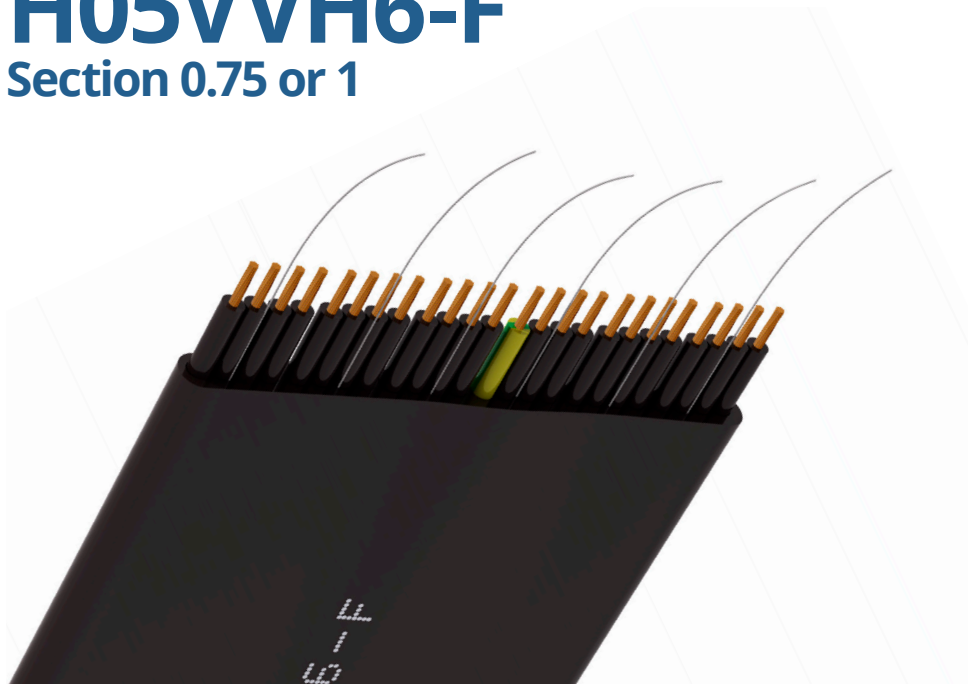
PRODUCT INFORMATION

Cores number	8	16
Section	0.50 mm ²	0.75 mm ²
Copper composition	16 wires x 0.20 mm	24 wires x 0.20 mm
Insulated conductor diameter	2.1 mm	2.2 mm
Colour code	White, black numbered, G: green/yellow	
Max. conductor resistance	39 Ohm/Km	26 Ohm/Km
Dimension approx.	62.4 (± 2 mm) x 4.2 (± 0.2 mm)	
Weight approx.	490 Kg/Km	
Copper content approx.	154 Kg/Km	
Radius curvature	10 x Cable height	
Natural loop	350 mm	
Suspension elements	None	
Test voltage	2000 V	

Further dimensions and compositions on request.

H05VVH6-F

Section 0.75 or 1



INFORMATION

Applications	Energy transportation for installation of elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (flame propagation) IEC 60227-6 IEC 60332 1-2	
Conductor	Flexible Cu class 5 according to UNE 60228	
Rated voltage	300 - 500V	
Service temperature	-15° to 70°C	
Travel speed	1.6 m/seg	
Suspension lenght	Free 35 m	Fixed 70 m
Color	Black	
Insulation and sheating	PVC	

PRODUCT 0.75 INFORMATION

N° of conductors	4	6	8	10	12	14	16	18	20	24	28
Section	0.75 mm ²										
Composition copper	24 wire x 0.20 mm										
Insulated conductor diameter	2.2 mm										
Color conductors	Black white numbers, green/yellow										
Resistencia máx. electrical	26 Ohm/Km										
Dimension approx. mm	4x13	4x17	4x21	4x26	4x31	4x36	4x40	4x45	4x50	4x60	4x69
Weight approx. Kg/100m	8.6	12.7	16.8	21.1	25.2	29	33.6	37.8	42.1	50.4	60.8
Copper content approx. g/m	27	40	54	68	81	91	108	122	136	163	190
Radius of curvature	10 x Cable height										
Diameter flex.	350 mm										
Suspensión elements	None										
Test voltage	2,000 V										

Other sizes and compositions demand

PRODUCT 1 INFORMATION

N° of conductors	12	16	18	20	24
Section	1 mm ²				
Composition copper	32 wire x 0.20 mm				
Insulated conductor diameter	2.5 mm				
Color conductors	Black white numbers, green/yellow				
Resistencia máx. electrical	19.5 Ohm/Km				
Dimension approx. mm	4.30x38	4.30x48	4.30x53	4.30x58	4.30x68
Weight approx. Kg/100m	30.4	41.7	46.2	51.9	62.5
Copper content approx. g/m	111	148	166.5	185	222
Radius of curvature	10 x Cable height				
Diameter flex.	400 mm				
Suspensión elements	None				
Test voltage	2,000 V				

Other sizes and compositions demand

FLAT LIFT CABLE

8x2x0.50 + 4x1.5 + 2 COAXx75Ω



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214	
Running speed	8.0 m/sec	
Acceleration	< 0.8 m/sec	
	1/ 4 x 1.50 mm² stranded bare copper 1.50 mm² (30x0.24ø) PVC insulated 2.80 mmø Black, white numbers 1, 2 & 19, 20 2/ 8 x Flexible PE Shielded Pairs 2x0.50 mm² Stranded bare copper 0.5mm² (19x0.18ø) PE insulated, 1. 70 mmø Colours: White/Blue, White/Orange, White/Green, White/Brown, White/Gray, Red/Blue, Red/Orange y Red/Green	
Construction	3/ 2 x coaxial cables RG 59. 75Ω , 5.0 mm 4/ Steel supports (stranded galvanized steel of 2mmø) Breaking load 2540 N 5/ One white slitting cord per group 6/ Outer sheath PVC black Markings: - metric scale 7/ Dimension approx. 7 mm x 62 mm	
Testing dimensions construction	Total weight	660 kg/km
	Copper weight	158 kg/km
Test voltage	Operating temperature	-20+ 70°C
Technical data at 20°C	Free suspension length	146 Mt

Electrical data	Power core 1.50 mm ²	U _o /U 300/500V
	Conductor resistance	13.3Ω km
	Screen core 0.5mm ²	U _o /u 300/300V
	Conductor resistance	39Ω km
	Nom. impedance	450Ω at 800Hz
	Nom. attenuation	0.1 dB/100 m at 800 Hz
	Nom. capacitance	80nF/km
Coaxial cable	Nom. inductance	0. 75μH/km at 800 Hz
	Nom. impedance	75Ω
	Nom. capacitance	68nF/Km
	Nom. attenuation	3.8dB/100m at 800 Hz

COAXIAL CABLE HF-75

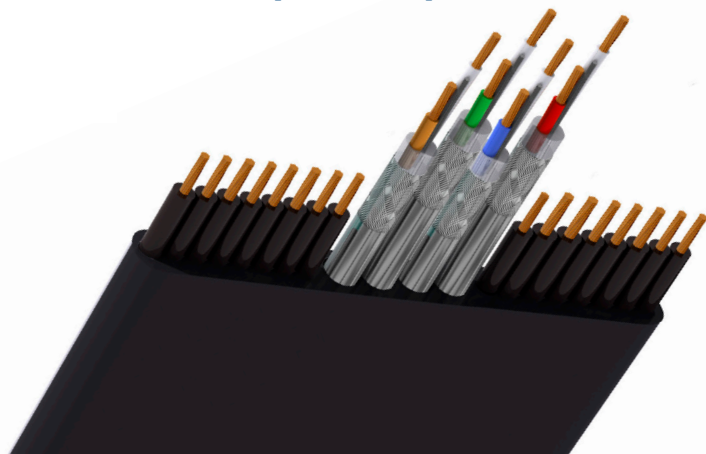
Conductor	Flexible tinned Cu strand Section 0.14 mm ²	7 x 0.16
Dielectric	Solid polyethylene	2.95 +/- 0.05
Shield	Double bare Cu wire spiral, Coverage 75 %	3.35 16 x 6 x 0.10
Outer sheath	Black color Cover Thickness Halogen-free Flame retardant Low smoke	4.9 +/- 0.1 0.8

DATA PAIR 2 X 0.5 FTP 95 OHMIOS

Shield	Helical Tape Aluminium / Polyester	3.5 mm
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+6
Protection	Core protected tape	
Filler	Two flexible cords polyester	
Core	Two flexible insulated conductors with two polyester fillers twisted together	
	Pitch	68 mm
Wires	Polyethylene insulation	1.7
	Conductor Flexible bare annealed copper	19x0.18 concentric 1+6+12
Impedance	80 +/- 15 % Ohmios to 1 MHZ	

FLAT LIFT CABLE

16G0.75 + 4X(2x0.25)



INFORMATION

Applications	Flexible cable for energy transport for installation of high speed elevators
Standard	UNE-EN 50214
Running speed	8.0 m/sec
Acceleration	< 0.8 m/sec

Construction	1/ 16 G 0.75 mm ² : stranded bare copper 0.75 mm ² (24x0.20 mmø) PVC insulated 2.20 mmø Colour code: Black, white numbered, G: green/yellow	
	2/ Data element: 4 x (2 x 0.25) mm ² Flexible PE Shielded Pairs 2x 0.25 mm ² Stranded bare copper 0.25 mm ² (7x0.19mm) PE Insulated, 1.20 mm Colours: White/Brown, White/Green, White/Blue, White/Red	
	3/ One ripcord per group	
	4/ Outer sheath PVC black Markings: -metric scale	
	5/ Dimension approx. 4.2 mm x 56.9 mm	

Testing dimensions construction Technical data at 20°C	Total weight	525 kg/km
	Copper weight	124.6 kg/km
	Operating temperature	-20 +70°C
	Free suspension length	45 m

Electrical data	Power core 0.75 mm ²	Uo/U 300/500V
	Max. Conductor resistance	26Ω km
	Data element	Uo/u 300/300V
	Test voltage	2000 V, 50 Hz, 5 Min.

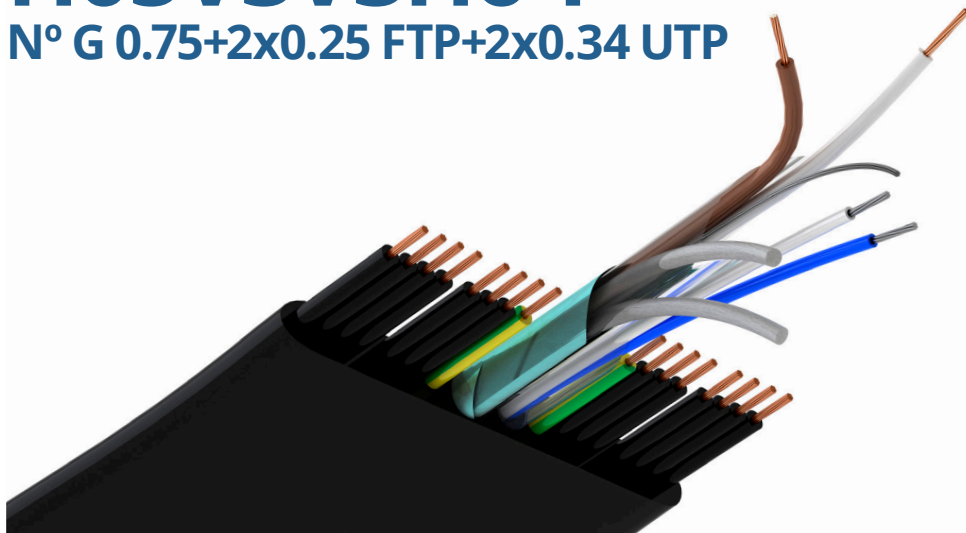
DATA PAIR 2 X 0.25 MM²

Conductor	Bus can, telephonic wire and data Polyethylene insulation, DOD: 1.2 mm
Pair	2 PE insulated flexible conductors
Screen	Tinned copper braid, 80% coverage
Impedance Ohms	95Ω +/- 15%



H05V3V3H6-F

Nº G 0.75+2x0.25 FTP+2x0.34 UTP



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214	
Conductor	Electrolytic copper, class 5 according to UNE 60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	16	22
Section	0.75 mm ²	
Copper composition	24 wire x 0.20 mm	
Insulated conductor diameter	2.2 mm	
Colour code	Black, white numbered, G: green/yellow	
Max. conductor resistance	26 Ohm/Km	
Data elements	1 shielded pair 2 x 0.25 mm ²	1 pair 2 x 0.34 mm ²
Dimension	5 mm x 49 mm	5 mm x 65 mm
Weight approx.	460 Kg/Km	560 Kg/Km
Copper content approx.	120.7 Kg/Km	160 Kg/Km
Loop	10 x Cable height	
Diameter flex.	400 mm	
Suspension elements	None	
Test voltage	2,000 V	

Further dimensions and compositions on request.

DATA PAIR 2 X 0.25 FTP 120 Ω

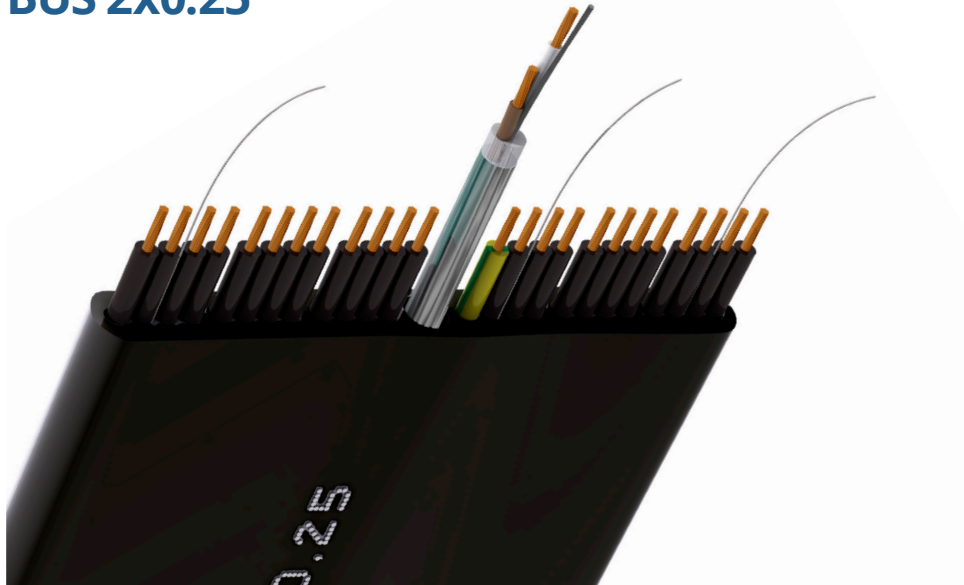
Applications	Bus can, telephonic wire and data	
Shield	Helical Tape Aluminium / Polyester	3.5 mm
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+6
Protection	Core protected tape Polyester helically disposed	
Filler	Two flexible cords polyester	1.2 mm
Core	Two flexible cables, insulated and wiring each	
	Step helix	60 mm
	Twists / meter	16.6 T/m
Wires	Polyethylene insulation	1.7
	Colors White Brown	
	Conductor Flexible bare annealed copper	7 x 0.20 concentric 1+6
Impedance	120 +/- 15 % Ohmios to 1 MHZ	
Cable resistance	< 100 Ohm/Km to 20°C	
Resistance imbalance	< 2.5%	
Mutual capacitance	< 75 nF/Km	
Capacity conductor/shield	< 110 nF/Km	
Dielectric strength	0.5 Kv	

DATA PAIR 2 X 0.34 UTP 100 Ω

Applications	Telephonic wire	
Shield	None	
Drain wire	None	
Protection	Polyester tape	
Filler	None	
Core	Two flexible cables, insulated and wiring each	11 T/m aprox
	Step helix	90 mm
Insulation	High density polyethylene	1.25 mm
	Colors White Blue	
Conductor	Flexible tinned copper wire class 5	7 x 0.25 concentric 1+6
Impedance	100 +/- 15 % Ohmios to 1 MHZ	
Dielectric strength	1.5 Kv	

H05V3V3H6-F

BUS 2x0.25



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	12	24
Section	0.75 mm ²	
Copper composition	24 Wire x 0.20 mm	
Insulated conductor diameter	2.2 mm	
Colour code	Black, white numbered, G: green/yellow	
Max. conductor resistance	26 Ohm/Km	26 Ohm/Km
Data element	shielded pair 2 x 0.25 mm ²	
Dimension approx. mm	5.5 x 39 mm	5.5 x 70 mm
Weight approx. Kg/100m	35.10 Kg/100m	70.00 Kg/100m
Copper content approx.	88.6 g/m	175 g/m
Loop	10 x Cable height	
Diameter flex.	400 mm	400 mm
Suspension elements	None	
Test voltage	2,000 V	

Further dimensions and compositions on request.

DATA PAIR 2 X 0.25 FTP 120 Ω

Shield	Helical Tape Aluminium / Polyester	3.5 mm
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+6
Protection	Core protected tape Polyester helically disposed	
Filler	Two flexible cords polyester	1.2 mm
Core	Two flexible cables, insulated and wiring each	
	Step helix	60 mm
	Twists / meter	16.6 T/m
Wires	Polyethylene insulation	1.7
	Colors White Brown	
	Conductor Flexible bare annealed copper	7 x 0.20 concentric 1+6
Impedance	120 +- 15 % Ohmios to 1 MHZ	
Cable resistance	< 100 Ohm/Km to 20°C	
Resistance imbalance	< 2.5%	
Mutual capacitance	< 75 nF/Km	
Capacity conductor/shield	< 110 nF/Km	
Dielectric strength	0.5 Kv	

H05V3V3H6-F

24G0.75+COAX HF75



INFORMATION

Applications Flexible cable for energy transport and video cable for installation of high speed elevators

Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	24
Section	0.75 mm ²
Copper composition	24 wire x 0.20 mm
Insulated conductor diameter	2.4 mm
Colour code	Black, white numbered, G: green/yellow
Max. conductor resistance	26 Ohm/Km
Data elements	Cable coaxial HF 75 CCL
Dimension	6.7 x 70.5 mm
Weight approx.	76.019 Kg/100m
Copper content approx.	172.800 g/m
Loop	10 x Cable height
Diameter flex.	400 mm
Suspension elements	None
Test voltage	2,000 V

Further dimensions and compositions on request.

COAXIAL CABLE HF-75 CCL

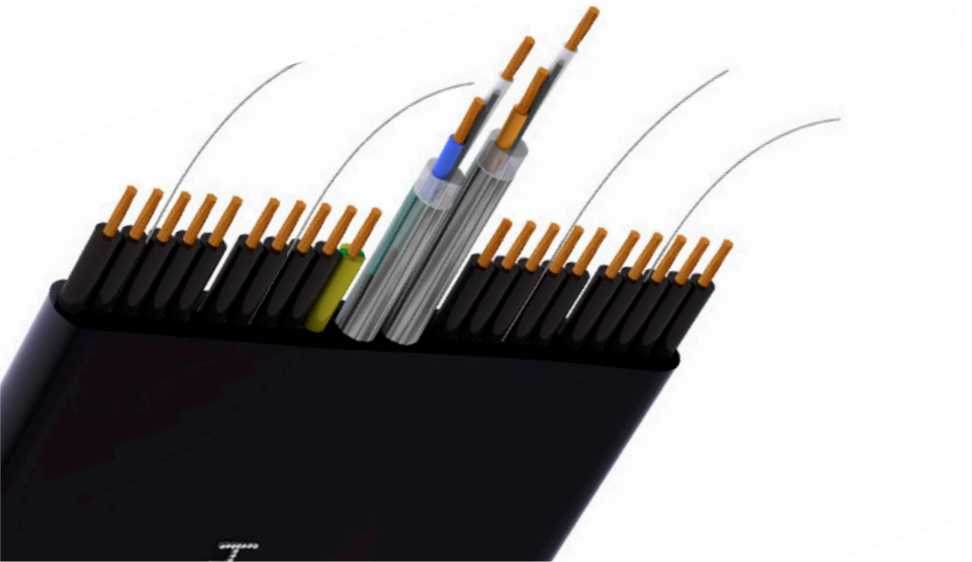
Conductor	Flexible tinned Cu strand Section 0.14 mm ²	7 x 0.16
Dielectric	Solid polyethylene	2.95 +/- 0.1
Shield	Double bare Cu wire spiral, Coverage 95 %	3.55 +/- 0.15 16 x 6 x 0.15
Outer sheath	PVC grey RAL 7032 Cover Thickness Print CABLE COAXIAL REF. HF 75 PEVI CCL - N° Lote - metros	4.5 +/- 0.15 0.45
Weight	31 kg/km approx.	

ELECTRICAL PROPERTIES 20° C

Propagation speed	66%	
Mutual capacitance	< 70 nF/Km	
Max. conductor resistance	< 134 Ohm/Km	
Max. screen resistance	<14 Ohm/Km	
Dielectric strenght	2.5 Kv 1.5 Kv	
Impedance	75 Ohmios	
Attenuation	MHz	dB/100m +/- 5%
	10.00	5.00
	50.00	12.00
	100.00	17.00
	200.00	24.00
	400.00	33.00
	800.00	50.00
	1000.00	55.00

H05V3V3H6-F

2x2x0.34



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228 IEC60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	16	20	24
Section	0.75 mm ²		
Copper composition	24 Wire x 0.20 mm		
Insulated conductor diameter	2.4 mm		
Colour code	Black, white numbered, G: green/yellow		
Max. conductor resistance	26 Ohm/Km	26 Ohm/Km	26 Ohm/Km
Data element	2 shielded pair 2 x 0.34 mm ²		
Dimension approx. mm	5.25 x 55 mm	5.25 x 61 mm	5.25 x 67 mm
Weight approx. Kg/100m	47.6 Kg/100m	54.2 Kg/100m	62.33 Kg/100m
Copper content approx.	121.8 g/m	150.6 g/m	179.4 g/m
Loop	10 x Cable height		
Diameter flex.	400 mm		
Suspension elements	None		
Test voltage	2,000 V		

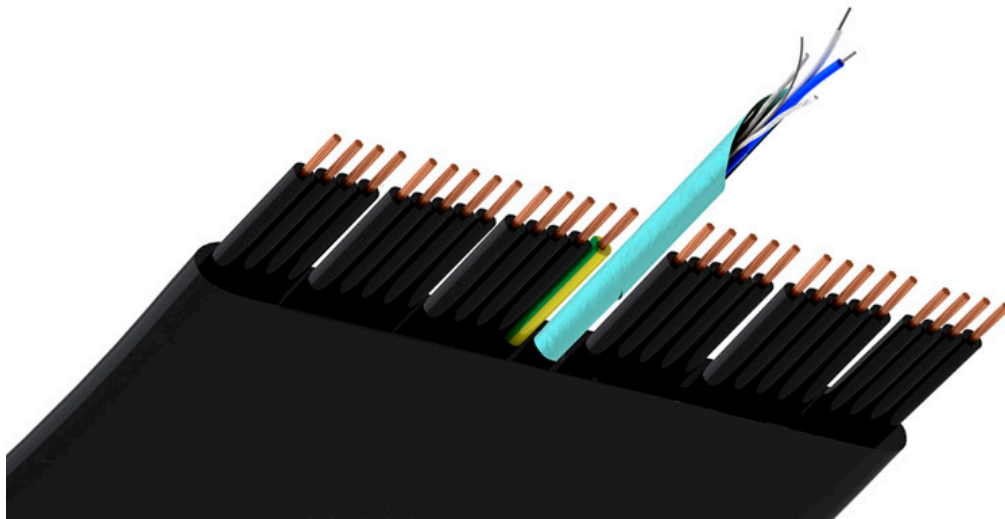
Further dimensions and compositions on request.

DATA PAIR 2 X 0.34 FTP 95 Ω

Shield	Tape Aluminium / Polyester Diameter Al-Pet	3.7 mm
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+6
Protection	Polyester tape	
Filler	Two flexible cords polyester	1.2 mm
Core	Two flexible cables, insulated and wiring each	
	Step helix	60 mm
Conductor	High density polyethylene Colors White Blue / White Orange	1.8
	Flexible tinned copper wire class 5	7 x 0.25 concentric 1+6
Impedance	95 +/- 10 % Ohmios to 1 MHZ	
Cable resistance	< 59.2 Ohm/Km to 20°C	
Resistance imbalance	< 2.5%	
Mutual capacitance	< 72 nF/Km	
Capacity conductor/shield	< 120 nF/Km	
Dielectric strength	1.5 Kv	

H05V3V3H6-F

28G 0.75+2x0.50 FTP 95



INFORMATION

Applications	Telephone wire and data	
Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE -EN 60228. IEC 60228	
Electrical properties	300 - 500V	
Service temperature	-15° a 70°C	
Running speed	4 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	28
Section	0.75 mm ²
Copper composition	24 Wire x 0.20 mm
Insulated conductor diameter	2.2 mm
Colour code	Black, white numbered, G: green/yellow
Max. conductor resistance	26 Ohm/Km
Data element	shielded pair 2 x 0.50 mm ²
Dimension approx.	4.60 x 78 mm
Weight approx.	662 Kg/Km
Copper content approx.	207 Kg/Km
Loop	10 x Cable height
Diameter flex.	400 mm
Suspension elements	None
Test voltage	2,000 V

Further dimensions and compositions on request.

DATA PAIR 2 x 0.5 FTP 95 OHMIOS

Shield	Helical Tape Aluminium / Polyester	4.5 mm
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+6
Protection	Core protected tape	
Filler	Two flexible cords polyester	
Core	Two flexible insulated conductors with two polyester fillers twisted together	
	Pitch	60 mm
Wires	Polyethylene insulation Colors White Blue	2.2
	Conductor Flexible bare annealed copper	19x0.18 concentric 1+6+12
Impedance	95 +/- 15 % Ohmios to 1 MHZ	

(H)05VVH6-F 1

8x0.75mm² + 2x(2x0.34)mm² + 6G 1.5mm²



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228 IEC60228	
Electrical properties	300 - 500V	
Service temperature flexing	0°C to 70°C	
Service temperature fixed installation	0°C to 70°C	
Running speed	4 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	18	6
Section	0.75 mm ²	1.5 mm ²
Copper composition	24 Wire x 0.20 mm	24 Wire x 0.26 mm
Insulated conductor diameter	2.2 mm	2.8 mm
Colour code	Black, White numbered	Blue, Brown, Black, Gray, White, Green/Yellow
Max. conductor resistance	26 Ohm/Km	13.3 Ohm/Km
Data element	2 shielded pair 2 x 0.34 mm ²	
Dimension approx. mm - Total cable	80.5 ± 2mm x 6 ± 1 mm	
Weight approx. Kg/Km	805 Kg/Km	
Copper content approx. - Total cable	229 Kg/Km	
Minimum bending radius	10 x Cable height	
Loop	600 mm	
Suspension elements	None	
Test voltage	2000 V	

Further dimensions and compositions on request.

DATA PAIR 2 X 0.34 FTP 120 Ω

Applications	Telephone wire and data	
Shield	Tape Aluminium / Polyester	
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+ 6
Protection	Polyester tape	
Filler	Two flexible cords polyester	
Core	Two flexible cables, insulated and wiring each	
Conductor	High density polyethylene Colors 1° Green, Yellow / 2° White, Brown	
	Flexible tinned copper wire class 5	7 x 0.25 concentric 1+6
Impedance	120 +/- 15 % Ohmios to 1 MHZ	
Cable resistance	< 59.2 Ohm/Km to 20°C	
Resistance imbalance	< 2.5%	
Dielectric strength	1.5 Kv	

H05V3V3H6-F

NG0.75 + 2x2x0.50



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228 IEC60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/sec	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

INFORMATION

Cores number	20	24
Section	0.75 mm ²	
Copper composition	24 Wire x 0.20 mm	
Insulated conductor diameter	2.4 mm	
Colour code	Black, white numbered, G: green/yellow	
Max. conductor resistance	26 Ohm/Km	
Data element	2 shielded pair 2 x 0.50 mm ²	
Dimension approx. mm	5.70x61.80	5.70x71.10
Weight approx.	580 Kg/Km	654.913 Kg/Km
Copper content approx.	165 Kg/Km	190 Kg/Km
Loop	10 x Cable height	
Diameter flex.	400 mm	
Suspension elements	None	
Test voltage	2000 V	

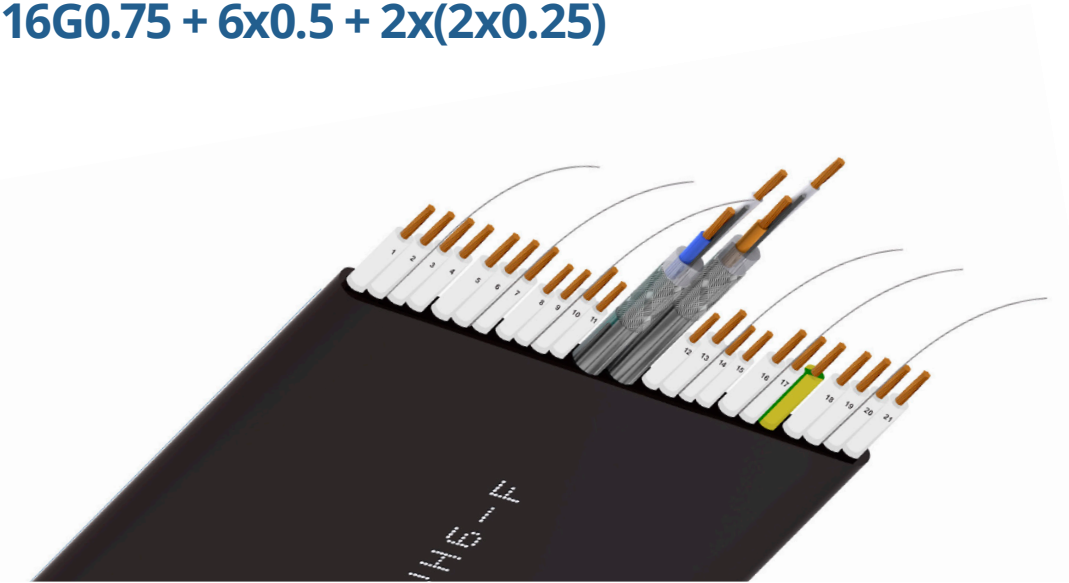
Further dimensions and compositions on request.

DATA PAIR 2X0.50 100 Ω

Applications	Telephone wire and data
Bare Cu strand 0.5 mm² cl5	0.5 mm
Insulation polyethylene	1.6 mm
	Colors White Blue / White Orange
Tinned copper braid	3.3 mm
PET tape	100%
Weight approx.	23 Kg/Km
Service temperature	-5° to 70°C
Cable resistance	37.7 Ohm/Km to 20°C
Nominal capacity	80 pF/m
Insulation resistance	>1000 MΩKM
Test voltage	1000 V
Standard	UNE - EN 60228 UNE - EN 50290
RoHS	Directive 2002/95 / EC

05V3V3H6-F

16G0.75 + 6x0.5 + 2x(2x0.25)



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	Max. 6.3 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation	PVC type TI1 according EN 50363-3	
Sheath	PVC type TM2 according EN 50363-4-1	

PRODUCT INFORMATION

Cores number	6	16
Section	0.5 mm ²	0.75 mm ²
Copper composition	16 Wire x 0.20 mm	24 Wire x 0.20 mm
Insulated conductor diameter	2.1 mm ± 0.1	2.2 mm ± 0.1
Colour code	White, black numbered, G: green/yellow 0.75 mm ² (1-7, 10, 13, 16, 17, green/yellow, 18, 19, 20, 21) 0.50 mm ² (8, 9, 11, 12, 14, 15)	
Max. conductor resistance	39 Ohm/Km	26 Ohm/Km
Data element	shielded pair 2 x 0.25 mm ²	
Dimension approx.	4.8 (± 1 mm) x 61 (± 2.5 mm)	
Weight approx.	500 Kg/Km	
Min. bending radius	10 x Cable height	
Natural loop	500 mm	
Suspension elements	None	
Test voltage	2000 V	

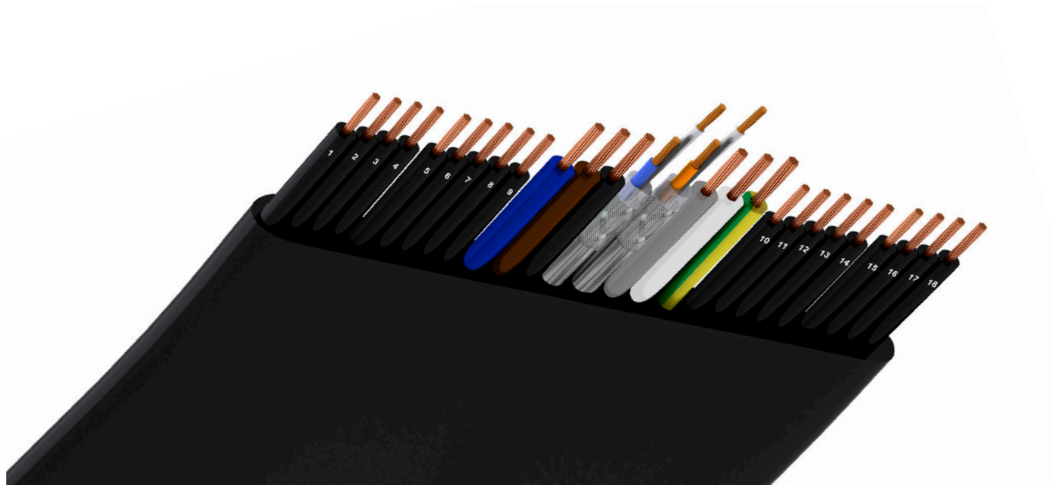
Further dimensions and compositions on request.

DATA PAIR 2 X 0.25 FTP 75 Ω

Shield	Helical Tape Aluminium / Polyester	
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+6
Protection	Core protected tape Polyester helically disposed	
Filler	Two flexible cords polyester	
Core	Two flexible cables, insulated and wiring each	
Wires	Polyethylene insulation Colors White Brown; White Blue Conductor Flexible bare annealed copper	
		7 x 0.20 concentric 1+6
Impedance approx.	75 Ohmios to 1 MHZ	
Cable resistance	≤ 87.6 Ohm/Km to 20°C	
Nominal capacitance	50 pF/m	
Dielectric strength	0.5 Kv	

H05V3V3H6-F

NºG 0.75 + 2X0.50 FTP 95



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228 IEC60228	
Electrical properties	300 - 500V	
Service temperature flexing	0°C to 70°C	
Service temperature fixed installation	0°C to 70°C	
Running speed	4 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	18	6
Section	0.75 mm ²	1.5 mm ²
Copper composition	24 Wire x 0.20 mm	24 Wire x 0.26 mm
Insulated conductor diameter	2.2 mm	2.8 mm
Colour code	Black, White numbered	Blue, Brown, Black, Gray, White, Green/Yellow
Max. conductor resistance	26 Ohm/Km	13.3 Ohm/Km
Data element	2 shielded pair 2 x 0.34 mm ²	
Dimension approx. mm - Total cable	80.5 ± 2mm x 6 ± 1 mm	
Weight approx. Kg/Km	805 Kg/Km	
Copper content approx. - Total cable	229 Kg/Km	
Minimun bending vadius	10 x Cable height	
Loop	600 mm	
Suspension elements	None	
Test voltage	2000 V	

Further dimensions and compositions on request.

DATA PAIR 2 X 0.34 FTP 120 Ω

Applications	Telephone wire and data	
Shield	Tape Aluminium / Polyester	
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+ 6
Protection	Polyester tape	
Filler	Two flexible cords polyester	
Core	Two flexible cables, insulated and wiring each	
Conductor	High density polyethylene Colors 1° Green, Yellow / 2° White, Brown	
	Flexible tinned copper wire class 5	7 x 0.25 concentric 1+6
Impedance	120 +/- 15 % Ohmios to 1 MHZ	
Cable resistance	< 59.2 Ohm/Km to 20°C	
Resistance imbalance	< 2.5%	
Dielectric strength	1.5 Kv	

05V3V3H6-F

30X0.75 MM2+ CAT 7



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/seg	
Acceleration	< 0.8m/s ²	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	30 in 6 groups of 5 units	
Section	0.75 mm ²	
Copper composition	24 wire x 0.20 mm	
Colour code	White, black numbered	
Insulated conductor diameter	2.2 mm	
Dimension approx.	9.2 (± 0,7 mm) x 52.9 (± 2.9 mm)	
Copper content approx.	259.75 g/m	
Natural loop	570 mm	
Min. bending radius	10 x Cable height	
Suspension elements	None	
Data elements	CAT 7	
Max. conductor resistance	26 Ohm/Km	
Test voltage	2000 V	
Print	PEVI – 05V3V3H6-F N°G0.75MM2 + CAT 7 Date	

Further dimensions and compositions on request.

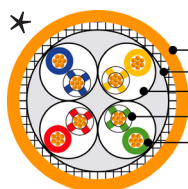
SPECIFICATIONS CAT7

Applications	Class F: Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Standard	EN 50173; EN 50288; IEC 60332-1; IEC 61156-6; ISO/IEC 11801
Sheath color	Orange
Higher heating value	376 MJ / km
Overall screen	Tinned copper braid
Halogen-free CAT7	LSZH
Individual screen	Aluminium / Polyester tape
Cable Type	S / FTP
Number of pairs	4*
Approximate weight	36 kg / km
Nominal outer diameter (mm)	5.8 mm
Diameter AWG conductor	26 AWG
Diameter over insulation	0.97 mm
Effective capacity	45 nF / km
Max. resistance the conductor at 20°C	165 Ohm / km
Impedance characteristics 100MHz	100 Ohm
Propagation velocity	75%
Coupling attenuation at 30Mhz	> 85
Maximum voltage to install	80 V
Bending factor when laying	7 (xD)
Bending radius static operating	3.5 (xD)
Ambient temperature during installation	0 to 50 ° C
Ambient static operating temperature	-20 to 70 ° C
No contaminants	EU RoHS directive

TRANSMISSION SPECIFICATIONS OF CAT.7 S/FTP FLEX

Values at 20°C

Frequency (MHz)	4	100	155	200	240	250	350	500	550	580	590	600
Max. attenuation (dB/100m)	5.6	28.5	36.0	41.2	45.4	46.5	55.8	67.9	71.6	73.7	74.4	75.1
Min. NEXT (dB)	75.0	72.4	69.5	67.9	66.7	66.4	64.2	61.9	61.3	60.9	60.8	60.7
Min. PSNEX (dB)	75.0	69.4	66.5	64.9	63.7	63.4	61.2	58.9	58.3	57.9	57.8	57.7
Min. ACRF (dB)	75.0	54.0	50.2	48.0	46.4	46.0	43.1	40.0	39.2	38.7	38.6	38.4
Min. PSACRF (dB)	75.0	51.0	47.2	45.0	43.4	43.0	40.1	37.0	36.2	35.7	35.6	35.4
Min. Return Loss (dB)	23.0	19.0	17.4	16.4	15.7	15.6	15.6	15.6	15.6	15.6	15.6	15.6



*
 LSZH (EN 50290-2-27)
 Tinned copper braid
 Individual screen: Aluminium/Polyester tape
 Insulation: Polyethylene (EN 50290-2-23)
 Insulated twisted wires - 4 pairs assembled
 Conductor: Stranded bare copper



CAT 7 S/FTP
 Nominal dimensions 7.8 x 22.5 mm

05V3V3H6-F

8G0.75 MM2+ 2CAT 7



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/seg	
Aceleración	< 0.8m/s2	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

PRODUCT INFORMATION

Cores number	8 in2 groups of 4 units	
Section	0,75 mm ²	
Copper composition	24 wire x 0,20 mm	
Colour code	Black, white numbered, G: green/yellow	
Insulated conductor diameter	2,2 mm	
Dimension	7,5 x 28,3 mm (+/- 0,5 mm)	
Copper content approx.	69,27 g/m	
Natural loop	620 mm	
Loop	10 x Cable height	
Suspension elements	None	
Data elements	CAT 7	
Max. conductor resistance	26 Ohm/Km	
Test voltage	2000 V	
Print	PEVI - H05V3V3H6-F N°G0.75MM + 2CAT 7 Date	

Further dimensions and compositions on request.

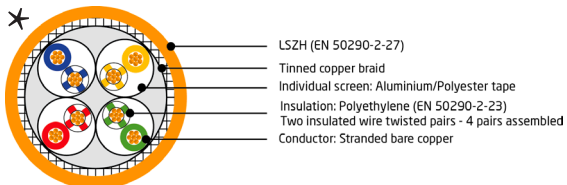
SPECIFICATIONS CAT7

Applications	Class F: Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Standard	EN 50173; EN 50288; IEC 60332-1; IEC 61156-6; ISO/IEC 11801
Sheath color	Orange
Higher heating value	376 MJ / km
Overall screen	Tinned copper braid
Halogen-free CAT7	LSZH
Individual screen	Aluminium / Polyester tape
Cable Type	S / FTP
Number of pairs	8 (4x2)*
Approximate weight	72 kg / km
Nominal outer diameter (mm)	5.8 mm
Diameter AWG conductor	26 AWG
Diameter over insulation	0.97 mm
Effective capacity	45 nF / km
Max. resistance the conductor at 20°C	165 Ohm / km
Impedance characteristics 100MHz	100 Ohm
Propagation velocity	75%
Coupling attenuation at 30Mhz	> 85
Maximum voltage to install	80 V
Bending factor when laying	7 (xD)
Bending radius static operating	3.5 (xD)
Ambient temperature during installation	0 to 50 ° C
Ambient static operating temperature	-20 to 70 ° C
No contaminants	EU RoHS directive

TRANSMISSION CHARACTERISTICS OF CAT 7 S/FTP FLEX

Values at 20°C

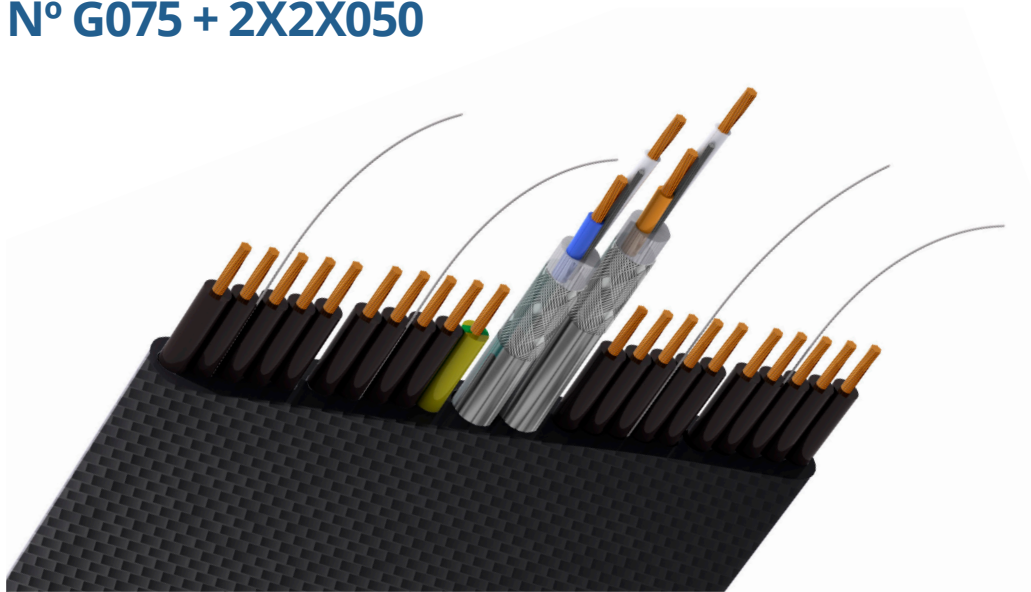
Frequency (MHz)	4	100	155	200	240	250	350	500	550	580	590	600
Attenuation max. (dB/100m)	5.6	28.5	36.0	41.2	45.4	46.5	55.8	67.9	71.6	73.7	74.4	75.1
NEXT min. (dB)	75.0	72.4	69.5	67.9	66.7	66.4	64.2	61.9	61.3	60.9	60.8	60.7
PSNEXT min. (dB)	75.0	69.4	66.5	64.9	63.7	63.4	61.2	58.9	58.3	57.9	57.8	57.7
ACRF min. (dB)	75.0	54.0	50.2	48.0	46.4	46.0	43.1	40.0	39.2	38.7	38.6	38.4
PSACRF min. (dB)	75.0	51.0	47.2	45.0	43.4	43.0	40.1	37.0	36.2	35.7	35.6	35.4
Return Loss min. (dB)	23.0	19.0	17.4	16.4	15.7	15.6	15.6	15.6	15.6	15.6	15.6	15.6



2CAT 7 S/FTP
NOMINAL DIMENSIONS 7.8 x 22.5 mm

H05V3V3H6-F

Nº G075 + 2X2X050



INFORMATION

Applications	Flexible cable for energy transport and video cable for installation of high speed elevators	
Standard	UNE - EN 50214 UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228 IEC60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/sec	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	PVC	

Further dimensions and compositions on request.

INFORMATION

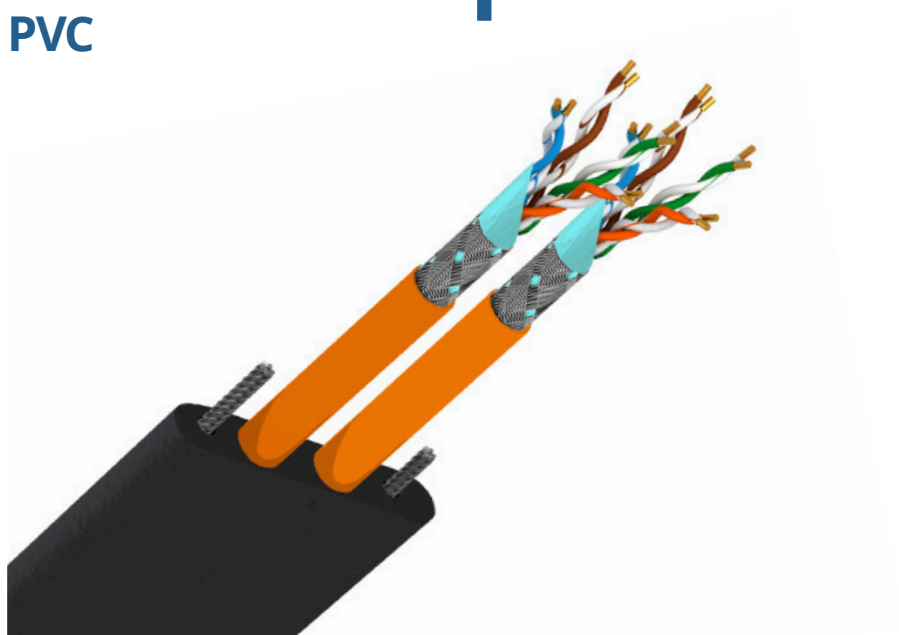
Cores number	20	24
Section	0.75 mm ²	
Copper composition	24 Wire x 0.20 mm	
Insulated conductor diameter	2.4 mm	
Colour code	Black, white numbered, G: green/yellow	
Max. conductor resistance	26 Ohm/Km	
Data element	2 shielded pair 2 x 0.50 mm ²	
Dimension approx. mm	5.70x61.80	5.70x71.10
Weight approx.	580 Kg/Km	654.913 Kg/Km
Copper content approx.	165 Kg/Km	190 Kg/Km
Loop	10 x Cable height	
Diameter flex.	400 mm	
Suspension elements	None	
Test voltage	2000 V	

DATA PAIR 2X0.50 100 Ω

Applications	Telephone wire and data
Bare Cu strand 0.5 mm² cl5	0.5 mm
Insulation polyethylene	1.6 mm
	Colors White Blue / White Orange
Tinned copper braid	3.3 mm
PET tape	100%
Weight approx.	23 Kg/Km
Service temperature	-5° to 70°C
Cable resistance	37.7 Ohm/Km to 20°C
Nominal capacity	80 pF/m
Insulation resistance	>1000 MΩKM
Test voltage	1000 V
Standard	UNE - EN 60228 UNE - EN 50290
RoHS	Directive 2002/95 / EC

2CAT 7 s/ftp

PVC



INFORMATION

Standard	ISO /IEC 11801 TIA/EIA 568 B2 26 AWGx4P
Electrical properties	250V
Service temperature	-15° to 70°C
Running speed	8 m/seg
Aceleration max.	1.2 m/s ²
Lenght max.	Suspension 240 m
Colour	Black
Insulation	LSZH
Sheathing	PVC
Data elements	2 CAT 7 S/FTP Flex. LSZH
Test voltage	No aplicable
Dimension approx.	7.80 x 14.32 mm
Flexibilidad estática	<700 mm
Suspension elements	2 steel fasteners 2 mm diameter.
Loop	>7xAD

SPECIFICATIONS

Applications	Class F: Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Standard	EN 50173; EN 50288; IEC 60332-1; IEC 61156-6; ISO/IEC 11801
Sheath color	Orange
Higher heating value	376 MJ / km
Overall screen	Tinned copper braid
Halogen-free	Yes
Outer sheath	LSZH
Individual screen	Aluminium / Polyester tape
Cable Type	S / FTP

SPECIFICATIONS

Number of pairs	4
Approximate weight	36 kg / km
Nominal outer diameter (mm)	5.8 mm
Diameter AWG conductor	26 AWG
Diameter over insulation	0.97 mm
Effective capacity	45 nF / km
Max. resistance the conductor at 20° C	165 Ohm / km
Impedance characteristics 100MHz	100 Ohm
Propagation velocity	75%
Coupling attenuation at 30Mhz	> 85
Maximum voltage to install	80 N
Bending factor when laying	7 (xD)
Bending radius static operating	3.5 (xD)
Ambient temperature during installation	0 to 50 ° C
Ambient static operating temperature	-20 to 70 ° C
No contaminants	EU RoHS directive

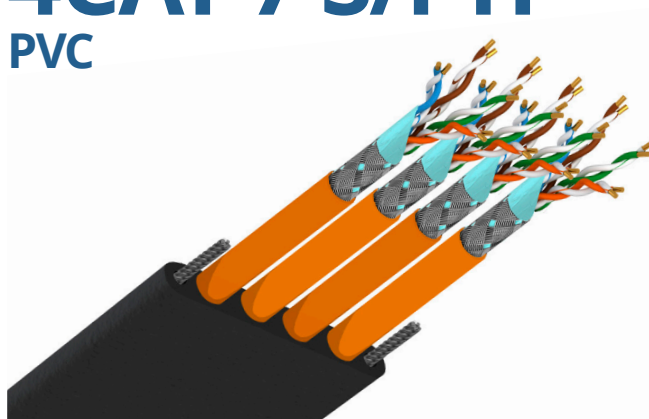
TRANSMISSION CHARACTERISTICS OF CAT 7 S/FTP FLEX

Values at 20°C

Frequency (MHz)	4	100	155	200	240	250	350	500	550	580	590	600
Attenuation max. (dB/100m)	5.6	28.5	36.0	41.2	45.4	46.5	55.8	67.9	71.6	73.7	74.4	75.1
NEXT min. (dB)	75.0	72.4	69.5	67.9	66.7	66.4	64.2	61.9	61.3	60.9	60.8	60.7
PSNEXT min. (dB)	75.0	69.4	66.5	64.9	63.7	63.4	61.2	58.9	58.3	57.9	57.8	57.7
ACRF min. (dB)	75.0	54.0	50.2	48.0	46.4	46.0	43.1	40.0	39.2	38.7	38.6	38.4
PSACRF min. (dB)	75.0	51.0	47.2	45.0	43.4	43.0	40.1	37.0	36.2	35.7	35.6	35.4
Return Loss min. (dB)	23.0	19.0	17.4	16.4	15.7	15.6	15.6	15.6	15.6	15.6	15.6	15.6

4CAT 7 S/FTP

PVC



INFORMATION

Standard	ISO /IEC 11801 TIA/EIA 568 B2 26 AWGx4P
Electrical properties	250V
Service temperature	-15° to 70°C
Running speed	8 m/seg
Aceleration max.	1.2 m/s2
Lenght max.	Suspension 240 m
Colour	Black
Insulation	LSZH
Sheath	Black PVC type TM2 EN 50363-4-1
Data elements	4 CAT 7 S/FTP Flex. LSZH
Test voltage	Not applicable
Dimension approx.	7.50 x37.60 mm (+/-0.7 mm)
Flexibilidad estática	580 mm
Suspension elements	2 steel fasteners 3 mm diameter.
Loop	>7xAD
Total weight approx.	250 Kg/Km

SPECIFICATIONS CAT 7 S/FTP FLEX

Applications	Clwass F: Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Standard	EN 50173; EN 50288; IEC 60332-1; IEC 61156-6; ISO/IEC 11801
Sheath color	Orange
Higher heating value	376 MJ / km
Overall screen	Tinned copper braid
Halogen-free	Yes
Outer sheath	LSZH
Individual screen	Aluminium / Polyester tape
Cable Type	S / FTP

SPECIFICATIONS CAT 7 S/FTP FLEX

Number of pairs	4
Approximate weight	36 kg / km
Nominal outer diameter (mm)	5.8 mm
Diameter AWG conductor	26 AWG
Diameter over insulation	0.97 mm
Effective capacity	45 nF / km
Max. resistance the conductor at 20°C	165 Ohm / km
Impedance characteristics 100MHz	100 Ohm
Propagation velocity	75%
Coupling attenuation at 30Mhz	> 85
Maximum voltage to install	80 N
Bending factor when laying	7 (xD)
Bending radius static operating	3.5 (xD)
Ambient temperature during installation	0 to 50 ° C
Ambient static operating temperature	-20 to 70 ° C
No contaminants	EU RoHS directive

TRANSMISSION CHARACTERISTICS OF CAT 7 S/FTP FLEX

Values at 20°C

Frequency (MHz)	4	100	155	200	240	250	350	500	550	580	590	600
Attenuation max. (dB/100m)	5.6	28.5	36.0	41.2	45.4	46.5	55.8	67.9	71.6	73.7	74.4	75.1
NEXT min. (dB)	75.0	72.4	69.5	67.9	66.7	66.4	64.2	61.9	61.3	60.9	60.8	60.7
PSNEXT min. (dB)	75.0	69.4	66.5	64.9	63.7	63.4	61.2	58.9	58.3	57.9	57.8	57.7
ACRF min. (dB)	75.0	54.0	50.2	48.0	46.4	46.0	43.1	40.0	39.2	38.7	38.6	38.4
PSACRF min. (dB)	75.0	51.0	47.2	45.0	43.4	43.0	40.1	37.0	36.2	35.7	35.6	35.4
Return Loss min. (dB)	23.0	19.0	17.4	16.4	15.7	15.6	15.6	15.6	15.6	15.6	15.6	15.6

H07Z-K



INFORMATION

Applications	H07Z-K cables are used in fixed installations where a halogen-free, low smoke and corrosive gas emission and heat resistant (90°C) compound is required.
Standard	Complete all the applicable tests to EN 50525-3-41, including specifically cite the trials under fire: Flame retardant. UNE-EN 60332-1-2: IEC 60332. Low smoke emission according to EN 61034-2. Determination of halogens in all non-metallic materials to EN 50525-1.
Conductor	Class 5 according to UNE 60228 IEC60228
Electrical properties	450 - 750V
Test voltage	2,500 V AC
Minimum temperature test	-15°C
Minimum service temperature	-40°C (static with protection)
Service temperature	90°C
Color cover	Colors according EN 50525-1
Insulation	Cross-linked material based on Polyolefin type E15 according EN 50363-5
Section	From 1 x 1.5 mm ² to 1 x 95 mm ²
Print	AENOR <HAR> PEVI H07Z-K

Further dimensions and compositions on request.

H07Z1-K (AS)



INFORMATION

Applications	The H07Z1-K (AS) cables are suitable for fixed installations in public places.
Standard	Complete all the applicable tests to EN 50525-3-31, including specifically cite the trials under fire: Flame retardant. UNE-EN 60332-1-2: IEC 60332. Low smoke emission according to EN 61034-2. Determination of halogens in all non-metallic materials to EN 50525-1. Test vertical flame spread of bunched wires placed upright to EN 60332-3-24.
Conductor	Class 5 according to UNE 60228 IEC60228
Electrical properties	450 - 750V
Test voltage	2,500 V AC
Minimum temperature test	-15°C
Service temperature	70°C
Color cover	Colors according EN 50525-1
Insulation	Halogen-free thermoplastic material type TI-7 according EN 50363-7
Section	From 1 x 1.5 mm ² to 1 x 120 mm ²
Print	AENOR <HAR> PEVI H07Z1-K TYPE 2 (AS)

Further dimensions and compositions on request.

H05Z-K



INFORMATION

Applications	H05Z-K cables are used in fixed installations where a halogen-free, low smoke and corrosive gas emission and heat resistant (90°C) compound is required.
Standard	Complete all the applicable tests to EN 50525-3-41, including specifically cite the trials under fire: Flame retardant. UNE-EN 60332-1-2: IEC 60332. Low smoke emission according to EN 61034-2. Determination of halogens in all non-metallic materials to EN 50525-1.
Conductor	Class 5 according to UNE 60228 IEC60228
Electrical properties	300 - 500V
Test voltage	2,000 V AC
Minimum temperature test	-15°C
Minimum service temperature	-40°C (static with protection)
Service temperature	90°C
Color cover	Colors according EN 50525-1
Insulation	Cross-linked material based on Polyolefin type E15 according EN 50363-5
Section	From 1 x 0.5 mm ² to 1 x 1 mm ²
Print	AENOR <HAR> PEVI H05Z-K

Further dimensions and compositions on request.

ES05Z1-K (AS)

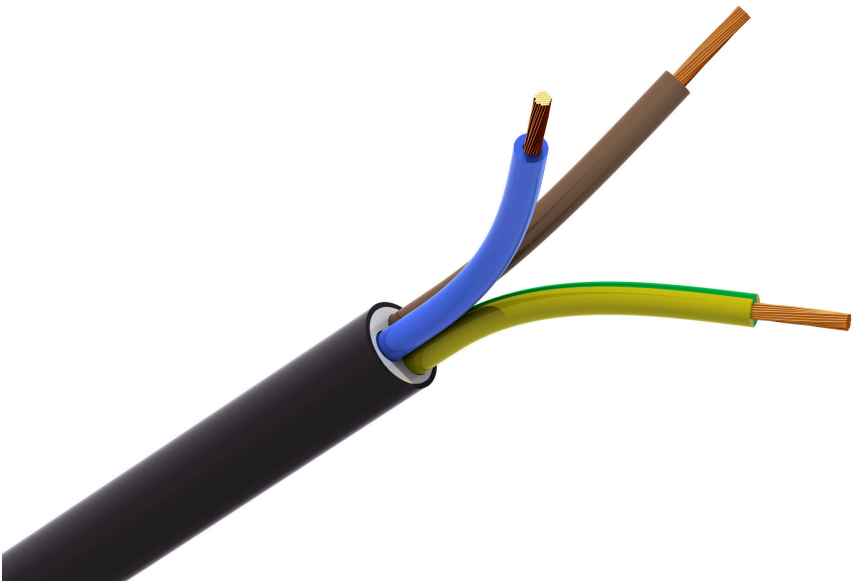


INFORMATION

Applications	The ES05Z1-K (AS) cables are suitable for fixed installations in public places.
Standard	Complete all the applicable tests to UNE-EN 211002, including specifically cite the trials under fire: - Flame retardant. according EN 60332-1-2 - No fire spreads, according EN 60332-3-24 or EN 60332-3-25. - Low smoke emission according to EN 61034-2 - Determination of halogens in all non-metallic materials to EN 50525-1, An. B.
Conductor	Class 5 according to UNE-EN 60228. IEC 60228.
Electrical properties	300 - 500V
Test voltage	2,000 V AC.
Low test temperature	-15° C
Max. service temperature	70°C
Color cover	Colors according UNE EN-50525-1
Insulation	Halogen-free thermoplastic material type TI-7 according EN 50363-7
Section	From 0.5 / 0.75 / 1 mm ²
Print	AENOR PEVI ES05Z1-K (AS)

Further dimensions and compositions on request.

H07ZZ-F



INFORMATION

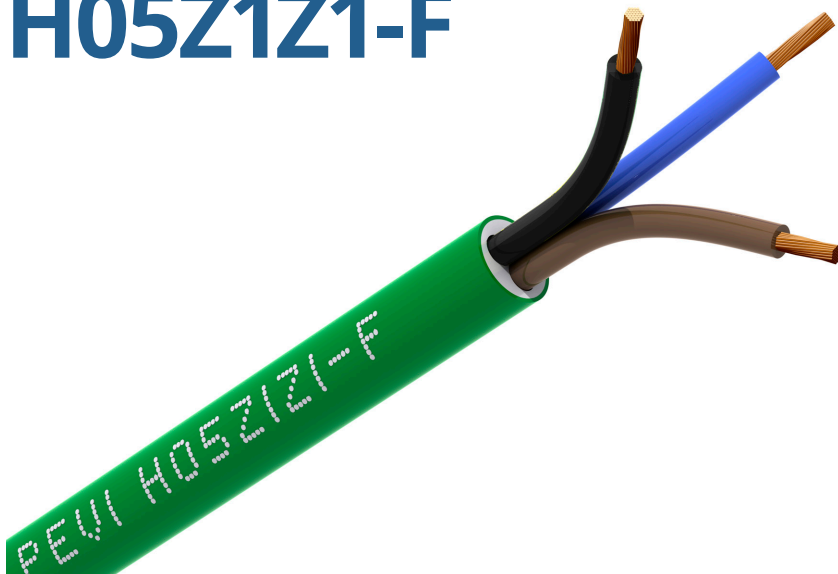
Applications	Flexible cables with insulation and sheath of a mixture of halogen-free cross-linked compound and low emission of smoke and corrosive gases when subjected to the action of fire. The cables are intended for connection to the network of equipment and machinery.
Standard	UNE-EN 50525-3-21 UNE-EN 60332-1-2 (Flame propagation) IEC 60332-1-2 (Flame propagation) EN 60332-3-24 (Test vertical flame spread of bunched wires placed upright) EN 61034-2 (Low smoke emission)
Conductor	Flexible copper class 5 according to UNE-EN 60228. IEC 60228
Nominal voltage U_0/U	450 - 750 V
Loop	Fixed installation 4D
Minimum temperature	Fixed service (protected installation) -40°C
Operating temperature	90°C
Dimensions	According to UNE-EN 50525-3-21
Insulation	Cross-linked material type EI8 according EN 50363-5
Sheathing	Cross-linked compound EM8 according EN 50363-6
Printing	PEVI H07ZZ-F NX section Year-month

PRODUCT

Section mm2	1 to 70	1 to 10	1 to 6	1 to 6	1 to 6	1.5	1.5 and 2.5	4
Manufacturing range	1	2	3	4	5	6, 7, 12	7	6

Further dimensions and compositions on demand

H05Z1Z1-F



INFORMATION

Applications

Flexible wire insulation and halogen free cover for connection to the network appliances. Especially suitable for installations where the cable safe to fire behavior, given the low emission of smoke and corrosive gases is required.

Standard

UNE-EN-50525-3-11
UNE-EN 60332-1-2 (flame propagation) IEC 60332-1-2
UNE-EN 61034-2 (Smoke density)
Determination of halogens:
UNE-EN 50267-2-2 (pH and conductivity)
UNE-EN 50267-2-1 (chlorine and bromine content)
EN 50525-1 Appendix C (Halogen fluorine)
UNE-EN 60684-2 (fluorine content)

Conductor

Electrolytic copper, class 5 according to UNE-EN 60228. IEC 60228.

Nominal voltage

300/500 V

Test voltage

2,000 V AC

Minimum temperature

-30°C

Max. operating temperature

70°C

Insulation

Halogen-free thermoplastic polyolefin

Insulation color

Color according to UNE 21089 and HD 308 S2, color coded for less five drivers and UNE-EN 50334 and EN 50334 marked by Registration for more than 5 drivers

Cover

Halogen-free thermoplastic polyolefin

Color cover

Green

Min. bending radius

Fixed installation 4D

Ocasional flexing 10D

Print

PEVI H05Z1Z1-F NxSection MM2 F-YEAR

PRODUCT INFORMATION

Cores number

2

3

4

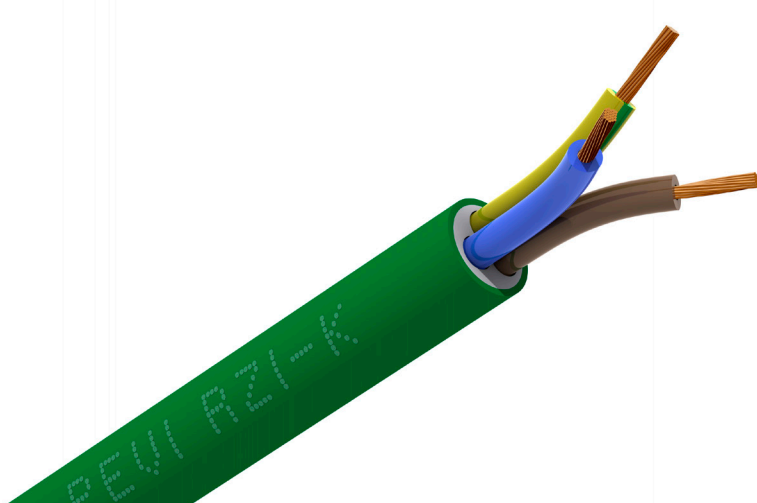
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Section

0.5 - 0.75 - 1

Other dimensions and compositions on demand.

RZ1-K (AS)



INFORMATION

Applications	Flexible cable for energy transport to fixed installations in public buildings
Standard	UNE - EN 21123-4 UNE - EN 60332-1-2 (flame propagation) IEC 60332-1-2 UNE - EN 50575 Part 4.1, Reaction Fire Class Cca-s1b, d1, a1 UNE - EN 61034-2 (Smoke density. Luminous transmittance greater than 60%) IEC 61034-2 UNE-EN 60754-2 (pH and conductivity) IEC 60754-2
Conductor	Electrolytic copper, class 5 according to UNE - EN 60228 IEC60228
Electrical properties	600 - 1,000V (Nominal voltage) 3,500V C.A. (Test voltage)
Operating temperature	Maximum insulation in normal 90 ° C Maximum short circuit insulation at 250 ° C (5 second) Minimum cable during installation 0 ° C Minimun test -15 ° C
Cover	Retardant polyolefin Green color Halogen free Low smoke and corrosive gases in case of fire
Insulation	XLPE Thickness UNE 21123-4 Color code: 2x (brown and blue), 3g (brown, blue and yellow / green), 4g (brown, gray, black and yellow / green)
Minimum bend radius cable unarmed D* < 25	4D
Print	AENOR PEVI RZ1-K(AS) 0.6/1KV FLEXIBLE (NgS) mm² (year) (month)

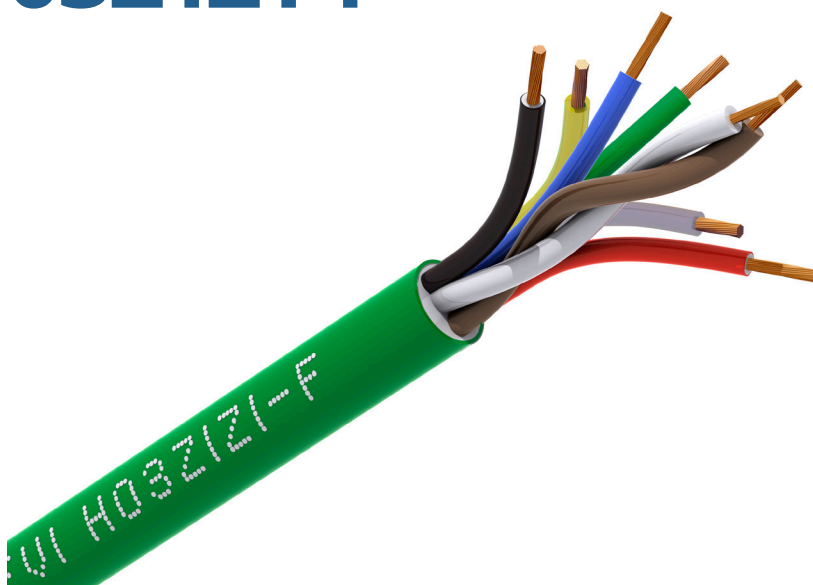
*D: Cable outer diameter in mm

PRODUCT INFORMATION

Cores number	1	2	3	4
Section	1.5 to 120	1.5 - 2.5 - 4 - 6 - 10 - 16		

Other dimensions and compositions on demand.

03Z1Z1-F



INFORMATION

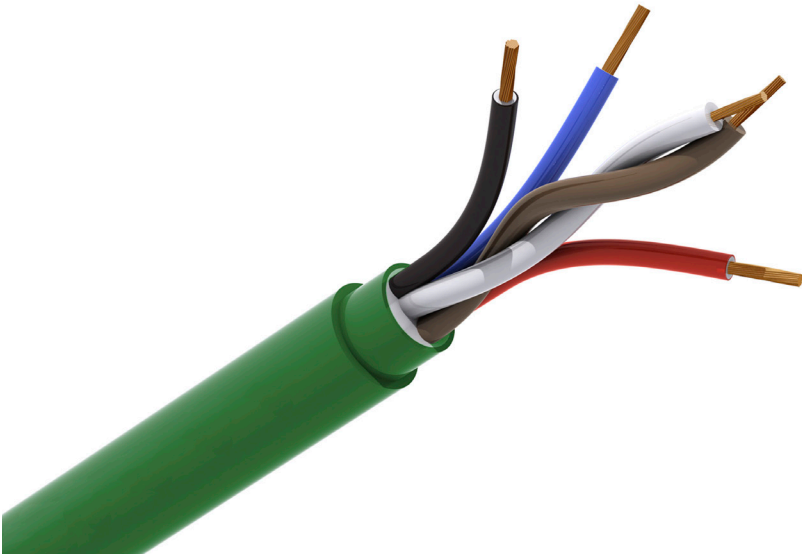
Applications	Flexible wire insulation and halogen free deck for fixed installations. Especially suitable for installations where the cable safe behavior against fire required.
Standard	UNE-EN 60332-1-2 (flame propagation) IEC 60332-1-2 UNE-EN 61034-2 (Smoke density) Determination of halogens: UNE-EN 50267-2-2 (pH and conductivity) UNE-EN 50267-2-1 (chlorine and bromine content) EN 50525-1 Appendix C (Fluor halogen) UNE-EN 60684-2 (fluorine content)
Conductor	Electrolytic copper, class 5 according to UNE-EN 60228. IEC 60228.
Nominal voltage	300 V
Test voltage	1,500 V AC
Minimum temperature test	-15°C
Max. operating temperature	70°C
Insulation	Halogen free
Insulation color	Según especificación del cliente.
Loop	4D
Cover	Halogen free
Color cover	Green
Print	PEVI L.H N X SECTION MM2 F-2014 *HALOGEN FREE*

PRODUCT INFORMATION

Cores number	2	3	4	6	8	10
Section	0.25 - 0.34	0.25	0.25	0.25	0.25	0.25

Other dimensions and compositions on demand.

3x0.75MM2 + 2x0.75MM2

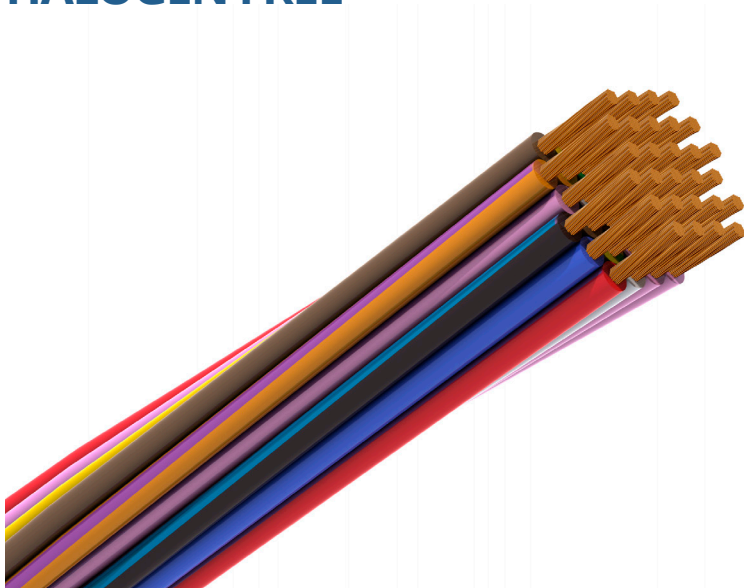


INFORMATION

Applications	Fixed installations
Standard	UNE-EN 60332-1-2 (Flame propagation) ISO-11898
Conductor	Copper class 5 according to UNE-EN 60228
Construction	3x0.75 mm ² + 2 x0.75 mm ²
Nominal voltage	500V
Data element	Twisted pair-11898 ISO. unshielded
Service temperature	-15°C to 70°
Impedance	120 Ohm (+/- 10%) a 1 Mhz
Inner diameter wires	2.20 mm (+/- 0.1 mm) R/Bk/B 2.30 mm (+/- 0.1 mm) Br/Wh
Insulation	Halogen-free R/Bk/B High density polyethylene Br/Wh
Cover	HALOGEN FREE POLYOLEFIN
Color	Green
External diameter	8.70 mm (+/- 0.3 mm)

BRAIDED GAVEL

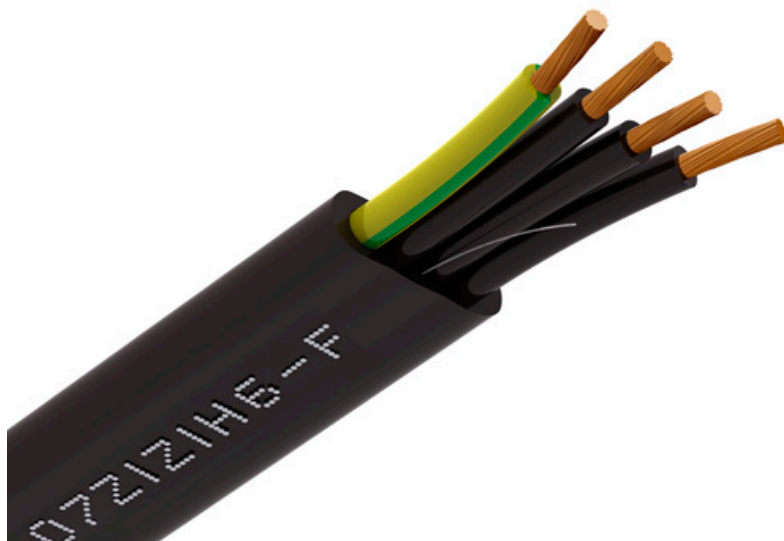
HALOGEN FREE



INFORMATION

Applications	Electricity transmission in fixed installation in public places.
Standard	UNE-EN 50525-3-31 EN 61034-2 IEC 60332-1-2 UNE - EN 60332-1-2 (Flame propagation)
Conductor	Flexible copper class 5 according to UNE-EN 60228. IEC 60228
Tensión nominal Uo/U	E505Z1-K :300 - 500V H07Z1-K :450 - 750V
Diameter	E505Z1-K 0.75 mm2: 2.20 mm + 0.1mm/ -0.05 mm H07Z1-K 1.5 mm2: 2.80 mm + 0.1 mm/-0.05mm H07Z1-K 2.5 mm2: 3.50 mm + 0.1 mm/-0.05mm
Minimum temperature service	-40°C (statics with protection)
Operating temperature	70°C
Insulation	Halogen Free
Colors	According to customer demand

07Z1Z1H6-F



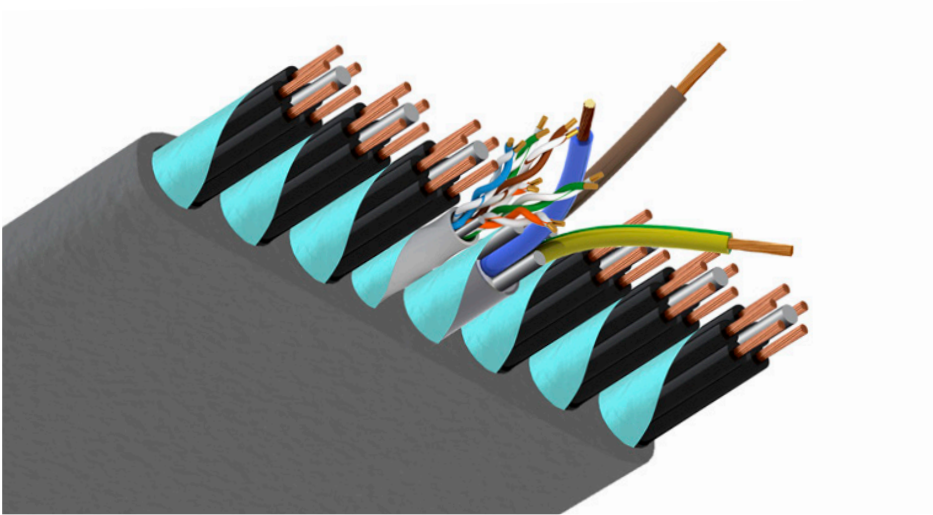
INFORMATION

Applications	Flexible halogen-free suspended cable for maneuver control in crane installations.	
Standard	UNE-EN 50214 ((Flexing test)) UNE-EN 60332-1-2 IEC 60332-1-2 (flame propagation)	
Conductor	class 5 according to UNE 60228. IEC 60228	
Rated voltage	450 - 750V	
Low test temperature	-25° C	
Service temperature	70°C	
Travel speed	1.6 m/seg	
Suspension lenght	Free 35 m	Fixed 70 m
Colour	Black	
Insulation and sheating	Halogen free	
Print	PEVI 07Z1Z1H6-F n°g section YEAR-MONTH-SHIPMENT	

Nº of conductors			4				
Section	1.5	2.5	4	6	10	16	25
Composition copper	24w x 0.26 mm	40w x 0.26 mm	48w x 0.31 mm	72w x 0.31 mm	69w x 0.41 mm	108w x 0.41 mm	167w x 0.41 mm
Insulated conductor diameter	3 mm	3.50 mm	4.10 mm	4.80 mm	6.05 mm	7.25 mm	8.85 mm
Colour conductors			Black white numbers, green/yellow				
Resistencia máx. electrical	13.3 Ohm/Km	7.98 Ohm/Km	4.95 Ohm/Km	3.3 Ohm/ Km	1.91 Ohm/Km	1.21 Ohm/Km	0.78 Ohm/Km
Dimension approx. mm	5.35x16 mm	5.70x18 mm	6.70x22 mm	7.50x25 mm	9.20x28 mm	10.80x33 mm	12.50x40 mm
Loop			10 x cable height				
Diameter static flexibility	520 mm		620 mm				
Suspensión elements			None				
Test voltage			2,500 V				

Nº of conductors	6		8		10		12		14	16
Section	1.5	2.5	1.5	2.5	1.5	2.5	1.5	2.5	1.5	1.5
Composition copper	24 w x 0.26 mm	40 w x 0.26 mm	24 w x 0.26 mm	40 w x 0.26 mm	24 w x 0.26 mm	40 w x 0.26 mm	24 w x 0.26 mm	40 w x 0.26 mm	24 w x 0.26 mm	24 w x 0.26 mm
Insulated conductor diameter	3 mm	3.50 mm	3 mm	3.50 mm	3 mm	3.50 mm	3 mm	3.50 mm	3 mm	3 mm
Colour conductors	Black white numbers, green/yellow									
Resistencia máx. electrical	13.3 Ohm/Km	7.98 Ohm/Km	13.3 Ohm/Km	7.98 Ohm/Km	13.3 Ohm/Km	7.98 Ohm/Km	13.3 Ohm/Km	7.98 Ohm/Km	13.3 Ohm/Km	13.3 Ohm/Km
Dimension approx. mm	5.35 x 23 mm	5.70 x 28 mm	5.35 x 30 mm	5.70 x 35 mm	5.35 x 37 mm	5.70 x 44 mm	5.35 x 42mm	5.70 x 4 mm	5.35 x 51 mm	5.35 x 56 mm
Diameter static flexibility	520 mm									
Loop	10 x cable height									
Suspensión elements	None									
Test voltage	2,500 V									

30x0.75+3G1.5+3(4x0.25)



INFORMATION

Applications	Flexible cable suspended maneuver control or small power in lifts and hoists long haul with data cable for installation in public buildings.
Standard	UNE-EN 60332-1-2
Construction	30x 0.75 + 3G1.5 + 3 (4x0.25)
Rated voltage	300 - 500 V
Operating temperature	-15 to 70°
Min. Bending radius	10 x cable height
Bending test	Min. 30.000 bending cycles according to EN 50214
Free hanging length	Max. 45 m. (max. lift height 90 m.)
Lift speed	Max. 3.6 m/s according to EN 50214
Identification	FLAT FRNC 30x 0.75 + 3G1.5 + 3 (4x0.25)- date- metermarking
Weight	approx. 890 g/m

PRODUCT INFORMATION 30X0.75

Conductor	Section 0.75 mm2 (composition: 24x0.2) Flexible Cu class 5 according to UNE-EN 60228, IEC 60228
Insulation	Thermoplastic, halogen free, flame retardant, non-toxic and non-corrosive material Shore D Hardness: 49 +3/- 5 according to ASTM D-2240 Diameter: 2.4 mm. Colour: white with black numbered marking 1-30 according EN 50334
Stranding	Each 5 cores stranded over filler to bundles.

PRODUCT INFORMATION 3G1.5

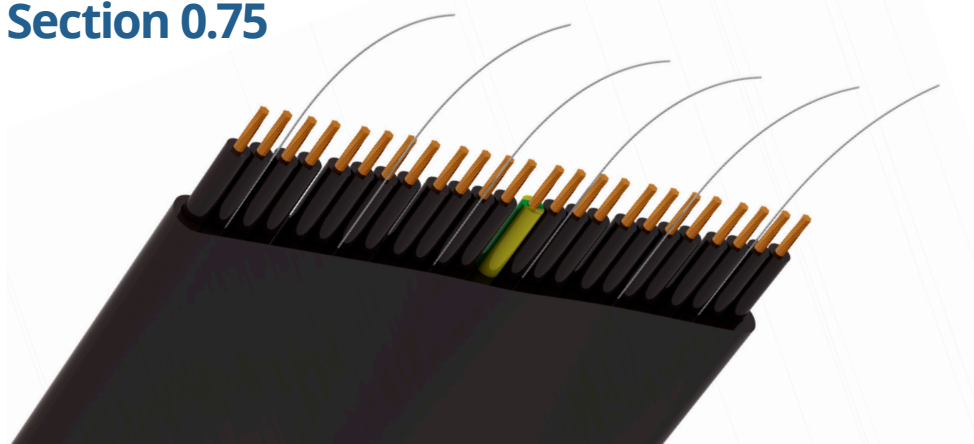
Conductor	Section 1.5 mm ² (composition 30x0.24) Flexible Cu class 5 according to UNE-EN 60228, IEC 6022
Insulation	Thermoplastic, halogen free, flame retardant, non-toxic and non-corrosive material Shore D Hardness: 49 +3/- 5 according to ASTM D-2240 Diameter: 3 mm. Colour: Blue, brown, green/yellow
Stranding	3 cores
Wrapping	Plastic –foil.

PRODUCT INFORMATION QUADSON-2YC 3X4X0.25 P

Conductor	Nominal cross section 0.25 mm ² , bare copper wires
Insulation	PE, Type 2Y11 according to DIN VDE 0207/part2 Diameter 1.2 mm.
Stranding	4 cores stranded to a quad Colour Quad 1 White, brown, green, yellow Colour Quad 2 Grey, pink, blue, red Colour Quad 3 Black, violet, grey/pink, red/blue Lay-length (approx.): 29 mm
Wrapping	Plastic –foil.
Braid screen	Braid of tinned copper wires 0.10 mm Material Cu-ETP-A11-C according to DIN EN 13602 Optical coverage 85%
Wrapping	Plastic –foil.
Total stranding	3 quads stranded with 3 fillers Lay-length (approx.): 95 mm
Wrapping	Plastic –foil.
External diameter approx	7.70 mm
Sheath	Thermoplastic, halogen free, flame retardant and non-corrosive material Shore D Hardness: 45 +/- 5 according to UNE-EN ISO 868 or DIN 53505

05Z1Z1H6-F

Section 0.75



INFORMATION

Applications	Flexible cable suspended controlling maneuver or small power in lifts and elevators in buildings of public assembly.	
Standard	UNE - EN 50214 (Flexing test) UNE - EN 60332-1-2 (Flame propagation) IEC 60332 1-2	
Conductor	Class 5 according to UNE 60228 IEC60228	
Electrical properties	300 - 500V	
Minimum temperature test	-15°C	
Service temperature	70°C	
Running speed	4 m/seg	
Lenght	Suspension 35 m	Fixed 70 m
Color	Black	
Insulation and sheathing	Halogen free	

PRODUCT INFORMATION SECTION 0.75

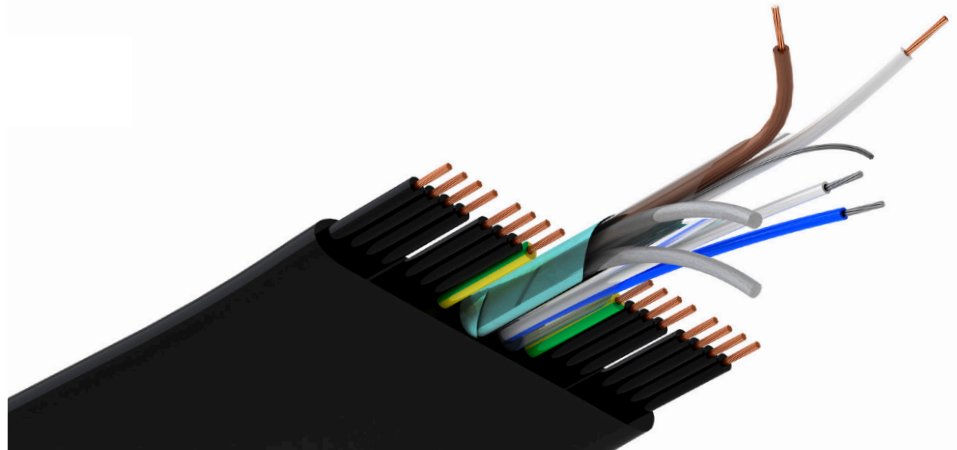
Cores number	8	12	16	20	24
Section	0.75 mm ²				
Copper composition	24 wires x 0.20 mm				
Insulated conductor diameter	2.2 mm				
Colour code	Black, white numbered, G: green/yellow				
Max. conductor resistance	26 Ohm/Km				
Dimensions approx. mm	4.65x21	4.65x31	4.65x40	4.65x50	4.65x60
Weight approx. Kg/100m	15.0	23.9	33.0	40.01	48.9
Copper aprox. g/m	57.6	86.4	115.2	144	172.8
Loop	10 x Cable height				
Diameter flex.	380 mm				
Suspension elements	None				
Print	PEVI 05Z1Z1H6-F n° G0.75 YEAR-MONTH-SHIPMENT				
Test voltage	2,000 V				

Further dimensions and compositions on request.



05Z13Z13H6-F

Nº G 0.75+2x0.25 FTP+2x0.34 UTP



INFORMATION

Applications	Flexible cable suspended maneuver control or small power in lifts and hoists long haul with data cable for installation in public buildings.	
Standard	UNE - EN 50214 (Flexing test) UNE - EN 60332-1-2 (Flame propagation) IEC 60332-1-2	
Conductor	Electrolytic copper, class 5 according to UNE 60228	
Electrical properties	300 - 500V	
Service temperature	-15° to 70°C	
Running speed	4 m/seg	
Lenght	Suspension 45 m	Fixed 90 m
Colour	Black	
Insulation and sheathing	Zero Halogen	

PRODUCT INFORMATION

Cores number	16	22
Section	0.75 mm ²	
Copper composition	24 wire x 0.20 mm	
Insulated conductor diameter	2.4 mm	
Colour code	Black, white numbered, G: green/yellow	
Max. conductor resistance	26 Ohm/Km	
Data elements	1 shielded pair 2 x 0.25 mm ²	1 pair 2 x 0.34 mm ²
Dimension	5 mm x 49 mm	5 mm x 65 mm
Weight approx.	460 Kg/Km	560 Kg/Km
Copper content approx.	120.7 Kg/Km	160 Kg/Km
Loop	10 x Cable height	
Diameter flex.	600 mm	
Suspension elements	None	
Test voltage	2,000 V	

Further dimensions and compositions on request.

DATA PAIR 2 X 0.25 FTP 120 Ω

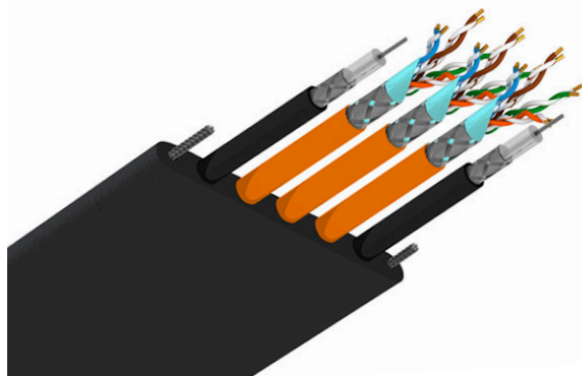
Applications	Bus can, telephonic wire and data	
Shield	Helical Tape Aluminium / Polyester	3.5 mm
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+6
Protection	Core protected tape Polyester helically disposed	
Filler	Two flexible cords polyester	1.2 mm
Core	Two flexible cables, insulated and wiring each	
	Step helix	60 mm
	Twists / meter	16.6 T/m
Wires	Polyethylene insulation	1.7
	Colors White Brown	
	Conductor Flexible bare annealed copper	7 x 0.20 concentric 1+6
Impedance	120 +/- 15 % Ohmios to 1 MHZ	
Cable resistance	< 100 Ohm/Km to 20°C	
Resistance imbalance	< 2.5%	
Mutual capacitance	< 75 nF/Km	
Capacity conductor/shield	< 110 nF/Km	
Dielectric strength	0.5 Kv	

DATA PAIR 2 X 0.34 UTP 100 Ω

Applications	Telephonic wire	
Shield	None	
Drain wire	None	
Protection	Polyester tape	
Filler	None	
Core	Two flexible cables, insulated and wiring each	11 T/m aprox
	Step helix	90 mm
Insulation	High density polyethylene	1.25 mm
	Colors White Blue	
Conductor	Flexible tinned copper wire class 5	7 x 0.25 concentric 1+6
Impedance	100 +/- 15 % Ohmios to 1 MHZ	
Dielectric strength	1.5 Kv	

LSZH 3 CAT 7 4x2 AWG26 S/UTP

2 Coax 75 Ohms



INFORMATION

Standard	UNE-EN 60332-1-2 ISO /IEC 11801 TIA/EIA 568 B2 26 AWGx4P
Electrical properties	250V
Service temperature	-15° to 70°C
Running speed	4 m/seg
Aceleration max.	1.2 m/s2
Lenght max.	Suspension 45 m
Colour	Black
Insulation and sheathing	LSZH
Data elements	Coaxial 75 OHM FRLSZH N CAT 7 S/FTP Flex. LSZH
Test voltage	No aplicable
Dimension approx.	9x41 mm
Natural loop	<700 mm
Suspension elements	2 steel fasteners 1 mm diameter.
Loop	> 8xAD

COAXIAL 75 OHM FRLSZH N

Conductor	Tinned Cu strand (Cu Sn) 7x0.180 diameter 0.540 mm
Dielectric	PE Comp. diameter 3.05 mm
Shield	Cu wire spiral (Cu Sn) 16x7x0.125 Coverage 92.1%
Outer sheath	FRLSZH N diameter 5.30 mm
Impedance	75 +/- 5 Ohmios
Capacitance	≤ 69.0 pFm
Vp	≥ 66.6%
Resistance c/c	≤ 105.0 Ohm/Km
Resistance c/e	≤ 16.0 Ohm/Km
Pérdida de inserción máx 100MHz	- 14.5 dB
Copper content approx.	15.4 Kg/Km
Weight approx.	34.4 Kg/Km
Loop	35 mm

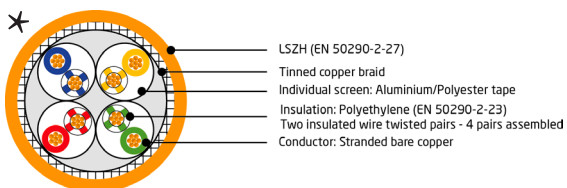
SPECIFICATIONS CAT7

Applications	Class F: Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Standard	EN 50173; EN 50288; IEC 60332-1; IEC 61156-6; ISO/IEC 11801
Sheath color	Orange
Higher heating value	376 MJ / km
Overall screen	Tinned copper braid
Halogen-free CAT7	LSZH
Individual screen	Aluminium / Polyester tape
Cable Type	S / FTP
Number of pairs	8 (4x2)*
Approximate weight	72 kg / km
Nominal outer diameter (mm)	5.8 mm
Diameter AWG conductor	26 AWG
Diameter over insulation	0.97 mm
Effective capacity	45 nF / km
Max. resistance the conductor at 20 ° C	165 Ohm / km
Impedance characteristics 100MHz	100 Ohm
Propagation velocity	75%
Coupling attenuation at 30Mhz	> 85
Maximum voltage to install	80 V
Bending factor when laying	7 (xD)
Bending radius static operating	3.5 (xD)
Ambient temperature during installation	0 to 50 ° C
Ambient static operating temperature	-20 to 70 ° C
No contaminants	EU RoHS directive

TRANSMISSION CHARACTERISTICS OF CAT 7 S/FTP FLEX

Values at 20°C

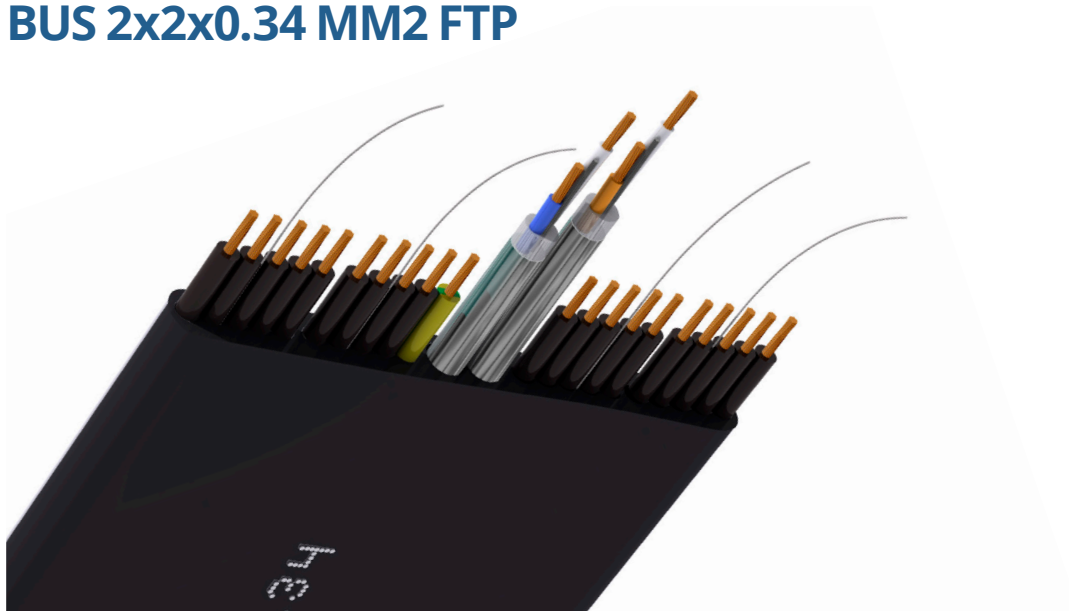
Frequency (MHz)	4	100	155	200	240	250	350	500	550	580	590	600
Attenuation max. (dB/100m)	5.6	28.5	36.0	41.2	45.4	46.5	55.8	67.9	71.6	73.7	74.4	75.1
NEXT min. (dB)	75.0	72.4	69.5	67.9	66.7	66.4	64.2	61.9	61.3	60.9	60.8	60.7
PSNEXT min. (dB)	75.0	69.4	66.5	64.9	63.7	63.4	61.2	58.9	58.3	57.9	57.8	57.7
ACRF min. (dB)	75.0	54.0	50.2	48.0	46.4	46.0	43.1	40.0	39.2	38.7	38.6	38.4
PSACRF min. (dB)	75.0	51.0	47.2	45.0	43.4	43.0	40.1	37.0	36.2	35.7	35.6	35.4
Return Loss min. (dB)	23.0	19.0	17.4	16.4	15.7	15.6	15.6	15.6	15.6	15.6	15.6	15.6



2CAT 7 S/FTP
Nominal dimensions 7.8 x 22.5 mm

05Z13Z13H6-F

BUS 2x2x0.34 MM2 FTP



INFORMATION

Applications

Flexible cable suspended maneuver control or small power in lifts and hoists long haul with data cable for installation in public buildings

Standard

UNE - EN 50214 (Flexing test)
UNE - EN 60332-1-2 (Flame propagation)
IEC 60332-1-2

Conductor

Class 5 according to UNE 60228 IEC60228

Electrical properties

300 - 500V

Max. service temperature

70°C

Minimum temperature test

-15°C

Running speed

4 m/seg

Lenght

Suspension 45 m

Fixed 90 m

Colour

Black

Insulation and sheathing

Halogen free

PRODUCT INFORMATION

Cores number	16	20
Section	0.75 mm ²	
Copper composition	24 wire x 0.20 mm	
Insulated conductor diameter	2.4 mm	
Colour code	Black, white numbered, G: green/yellow	
Max. conductor resistance	26 Ohm/Km	26 Ohm/Km
Data elements	2 pair shielded 2 x 0.34 mm ²	
Dimension	5.65 x 55 mm	5.65 x 61 mm
Copper aprox.	111.016 g/m	138.75 g/m
Min. bending radius	10 x Cable height	
Natural loop	600 mm	
Suspension elements	None	
Print	PEVI 05Z13Z13H6-F n° G0.75 2x2x0.34 AÑO-MES-PARTIDA	
Test voltage	2000 V	

Further dimensions and compositions on request.

DATA PAIR 2 X 0.34 FTP 95 Ω

Applications	Telephone wire and data	
Shield	Tape Aluminium / Polyester Diameter Al-Pet	3.7 mm
Drain wire	Flexible tinned copper wire	7 x 0.20 concentric 1+6
Protection	Polyester tape	
Filler	Two flexible cords polyester	1.2 mm
Core	Two flexible cables, insulated and wiring each	
	Step helix	60 mm
Conductor	High density polyethylene	1.8
	Colors White Blue / White Orange	
	Flexible tinned copper wire class 5	7 x 0.25 concentric 1+6
Impedance	95 +/- 15 % Ohmios to 1 MHZ	
Cable resistance	< 59.2 Ohm/Km to 20°C	
Resistance imbalance	< 2.5%	
Mutual capacitance	< 72 nF/Km	
Capacity conductor/shield	< 120 nF/Km	
Dielectric strength	1.5 Kv	

LSZH 3 CAT 7 4X2 AWG26 S/UTP 2 COAX 75 OHMS



INFORMATION

Standard	UNE-EN 60332-1-2 ISO /IEC 11801 TIA/EIA 568 B2 26 AWGx4P
Electrical properties	250V
Service temperature	-15° to 70°C
Running speed	4 m/seg
Aceleration max.	1.2 m/s ²
Lenght max.	Suspension 90 m
Colour	Black
Insulation and sheathing	LSZH
Data elements	Coaxial 75 OHM FRLSZH N CAT 7 S/UTP Flex. FRLSZH Ng
Test voltage	Not applicable
Dimension approx.	9x41 mm
Natural loop	<700 mm
Suspension elements	2 steel fasteners 1 mm diameter
Loop	> 8xAD

COAXIAL 75 OHM FRLSZH N

Conductor	Tinned Cu strand (Cu Sn) 7x0.180 diameter 0.540 mm
Dielectric	PE Comp. diameter 3.05 mm
Shield	Cu wire spiral (Cu Sn) 16x7x0.125 Coverage 92.1%
Outer sheath	FRLSZH N diameter 5.30 mm
Impedance	75 +/- 5 Ohmios
Capacitance	≤ 69,0 pFm
Vp	≥ 66.6%
Resistance c/c	≤ 105.0 Ohm/Km
Resistance c/e	≤ 16.0 Ohm/Km
Pérdida de inserción máx 100MHz	- 14.5 dB
Copper content approx.	15.4 Kg/Km
Weight approx.	34.4 Kg/Km
Loop	35 mm

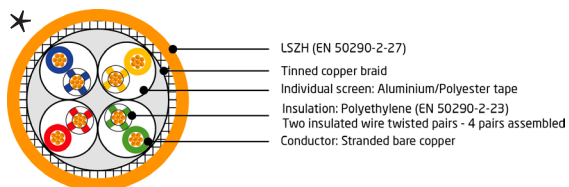
SPECIFICATIONS CAT7

Applications	Class F: Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Standard	EN 50173; EN 50288; IEC 60332-1; IEC 61156-6; ISO/IEC 11801
Sheath color	Orange
Higher heating value	376 MJ / km
Overall screen	Tinned copper braid
Halogen-free CAT7	LSZH
Individual screen	Aluminium / Polyester tape
Cable Type	S / FTP
Number of pairs	8 (4x2)*
Approximate weight	72 kg / km
Nominal outer diameter (mm)	5.8 mm
Diameter AWG conductor	26 AWG
Diameter over insulation	0.97 mm
Effective capacity	45 nF / km
Max. resistance the conductor at 20 ° C	165 Ohm / km
Impedance characteristics 100MHz	100 Ohm
Propagation velocity	75%
Coupling attenuation at 30Mhz	> 85
Maximum voltage to install	80 V
Bending factor when laying	7 (xD)
Bending radius static operating	3.5 (xD)
Ambient temperature during installation	0 to 50 ° C
Ambient static operating temperature	-20 to 70 ° C
No contaminants	EU RoHS directive

TRANSMISSION CHARACTERISTICS OF CAT 7 S/FTP FLEX

Values at 20°C

Frequency (MHz)	4	100	155	200	240	250	350	500	550	580	590	600
Attenuation max. (dB/100m)	5.6	28.5	36.0	41.2	45.4	46.5	55.8	67.9	71.6	73.7	74.4	75.1
NEXT min. (dB)	75.0	72.4	69.5	67.9	66.7	66.4	64.2	61.9	61.3	60.9	60.8	60.7
PSNEXT min. (dB)	75.0	69.4	66.5	64.9	63.7	63.4	61.2	58.9	58.3	57.9	57.8	57.7
ACRF min. (dB)	75.0	54.0	50.2	48.0	46.4	46.0	43.1	40.0	39.2	38.7	38.6	38.4
PSACRF min. (dB)	75.0	51.0	47.2	45.0	43.4	43.0	40.1	37.0	36.2	35.7	35.6	35.4
Return Loss min. (dB)	23.0	19.0	17.4	16.4	15.7	15.6	15.6	15.6	15.6	15.6	15.6	15.6



2CAT 7 S/FTP
NOMINAL DIMENSIONS 7.8 x 22.5 mm



*If what you need isn't inside,
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