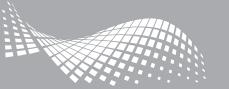


TRAVELLING LIFT CABLES



PEW ELECTRICAL Distributors Limited





PVC Lift Travelling Cables PVC Flat Travelling Cable

Application

Designed for supplying electrical power to moving lift cars or moving machine components.

Construction

Conductor: Class 5 copper conductor Insulation: PVC (Polyvinyl Chloride) Sheath: PVC (Polyvinyl Chloride)

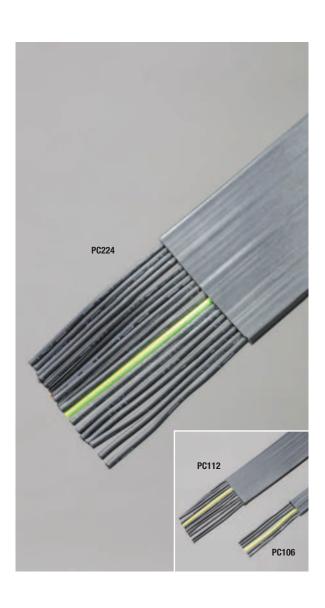
Technical Data

Voltage: 300/500V

Temperature Range: -20°C to +70°C Free Hanging Length: 45mts Running Speed: 6.3 m/s Max Lift Height: 80mts

Relevant Standards

Conductor according to CENELEC HD 383 Insulation according to CENELEC HD 21.1/S2, DIN 53505 Sheath according to CENELEC HD 21.1/S2 EN 50214



Order Code	Description	Dimension HxW (mm)	Suitable Wedge Clamp
PC106	6 Core 0.75mm PVC Flat Travelling Cable	4.3 x 19	WC50
PC206	6 Core 1.0mm PVC Flat Travelling Cable	4.3 x 21	WC50
PC112	12 Core 0.75mm PVC Flat Travelling Cable	4.3 x 36	WC50
PC212	12 Core 1.0mm PVC Flat Travelling Cable	4.3 x 38	WC50
PC118	18 Core 0.75mm PVC Flat Travelling Cable	4.3 x 48	WC75
PC218	18 Core 1.0mm PVC Flat Travelling Cable	4.3 x 51	WC75
PC124	24 Core 0.75mm PVC Flat Travelling Cable	4.3 x 68	WC75
PC224	24 Core 1.0mm PVC Flat Travelling Cable	4.3 x 71	WC75





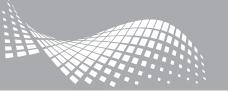














12 Core Flat PVC Individually Screened Travelling Cable

Application

Designed for use with data and communication equipment in lifts, such as intercom systems, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 copper conductor, earth - Class 6

Insulation: PVC (Polyvinyl Chloride) Sheath: PVC (Polyvinyl Chloride)

Technical data

Voltage: 300/500V

Temperature Range: -15°C to +70°C Free Hanging Length: 45mts

Running Speed: 6.3 m/s Max Lift Height: 80mts

Relevant Standards

Conductor according to CENELEC HD 383 insulation according to DIN VDE 0207/T2, DIN 53505 Sheath according to DIN 53505, CENELEC HD 21.1/S2 EN 50214, CENELEC HD 516/S1



Order Code	Description	HxW (mm)	Suitable Wedge Clamp
PC012	12 Core Flat PVC Travelling Cable Consisting Of: 6 Individually Screened Twisted Pairs, 0.75mm (12 Cores)	6 x 28	WC50







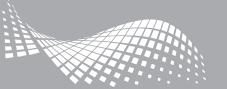














24 Core Flat PVC Combination **Travelling Cable**

Application

Designed for use with data and communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper conductor insulation: PVC (Polyvinyl Chloride) Sheath: PVC (Polyvinyl Chloride)

Technical Data

Voltage: 300/500V

Temperature Range: -15°C to +70°C

Free Hanging Length: 45mts Running Speed: 10 m/s Max Lift Height: 80mts

Relevant Standards

Conductor according to IEC 228 Insulation according to CENELEC HD 21.1/S2, DIN 53505, CENELEC HD 186/S2

Sheath according to CENELEC HD 21.1/S2, DIN 53505



Order Code	Description	HxW (mm)	Suitable Wedge Clamp
PC024	24 Core PVC Combination Flat Travelling Cable Consisting Of: 20 x 0.75mm Conductors (20 Cores) 2 x Screened Twisted Pairs, 0.5mm (4 Cores)	6 x 58	WC75

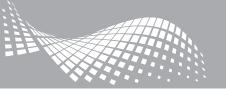
















CAT6E Flat PVC Travelling Cable

Application

Designed for the transmission of digital and analogue voice and data signals. Supports all CAT6E applications (eg. 10 Base-T, 100 Base-T, 1000 Base-T, ISDN). It is ideally suited to moving lift cars or moving machine components. Also optimized for RJ45 plug systems.

Construction

Conductor: Copper conductor Insulation: PVC (Polyvinyl Chloride) Sheath: PVC (Polyvinyl Chloride)

Technical Data

Voltage: 100/100V

Temperature Range: -15°C to +70°C Free Hanging Length: 45mts

Travel Height: 65mts Running Speed: 4 m/s Total weight: 332 kg/km

Relevant Standards

Fire propagation to IEC/EN 60332-1-2 Electrical values to EN50288-2-2

EN 50214



Order Code	Description	Overall Diameter (mm)	Suitable Wedge Clamp
8867F	32 Core PVC CAT6E Flat Travelling Cable Consisting Of: 4x 4 x (2 x AWG26) Screened Twisted Pairs, 0.75mm	8.5 x 29.5	WC50





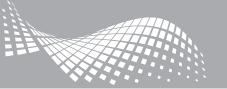
















9 Core Flat PVC Combination **Travelling Cable**

Application

Designed for use with data transmission, communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper conductor Insulation: PVC (Polyvinyl Chloride) Sheath: PVC (Polyvinyl Chloride) Coaxial Cable: 1 x 75 Ohm

Technical Data

Voltage: 300/500V

Temperature Range: -20°C to +70°C Free Hanging Length: 45mts Running Speed: 2 m/s Max Lift Height: 80mts

Relevant Standards

Conductor according to CENELEC HD 383, DIN VDE 0207 Insulation to DIN VDE 0207 Sheath to CENELEC HD 21.1/S3



(Order Code	Description	Overall Diameter (mm)	Suitable Wedge Clamp
		9 Core PVC Combination Flat Travelling Cable Consisting Of:		
F	PC009	4 x Screened Twisted Pairs, 0.75mm (8 Cores)	8 x 32	WC50
		1 x RG59 75 Ohm Coaxial Cable (1 Core)		





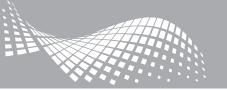
















17 Core Flat PVC Combination **Travelling Cable**

Application

Designed for use with data and communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 copper conductor Insulation: PVC (Polyvinyl Chloride) Sheath: PVC (Polyvinyl Chloride)

Technical Data

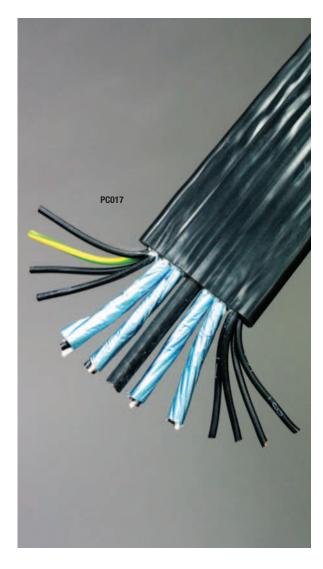
Voltage: 300/500V

Temperature Range: -20°C to +70°C

Free Hanging Length: 45mts Running Speed: 6.3 m/s Max Lift Height: 80mts

Relevant Standards

Conductor according to CENELEC HD 383 Insulation according to CENELEC HD 21.1/S2, DIN 53505 Sheath according to CENELEC HD 21.1/S2 EN 50214



Order Code	Description	HxW (mm)	Suitable Wedge Clamp
PC017	17 Core Flat PVC Combination Travelling Cable Consisting Of: 2 x 4 Core Unscreened Twisted Pairs, 0.75mm (8 Cores) 4 x Screened Twisted Pairs, 0.75mm (8 Cores) 1 x RG59 75 Ohm Co-Axial Cable (1 Core)	8 x 48	WC75





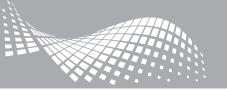
















LSZH Lift Travelling Cables

Flame Retardant Non Corrosive (FRNC) Flat Travelling Cable

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment. It is designed for supplying electrical power to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper conductor

Insulation: Aluminium hydroxide (FRNC), halogen free

Sheath: Aluminium hydroxide (FRNC)

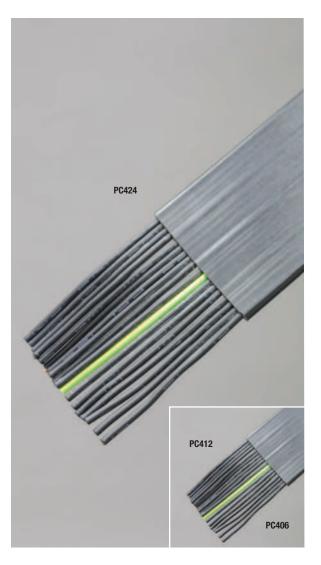
Technical Data

Voltage: 300/500V

Temperature Range: -20°C to +70°C Free Hanging Length: 45mts Running Speed: 6.3 m/s Max Lift Height: 80mts

Relevant Standards

According to CENELEC HD 383, EN 50214 Resistances to IEC 60332-1-2, IEC 60754-1, IEC 60754-2, IEC 61034-1/-2



Order Code	Description	Dimension HxW (mm)	Suitable Wedge Clamp
PC406	6 Core 1.0mm LS0H Flat Travelling Cable	4.2 x 19	WC50
PC412	12 Core 1.0mm LS0H Flat Travelling Cable	4.2 x 35	WC50
PC418	18 Core 1.0mm LS0H Flat Travelling Cable	4.2 x 51	WC75
PC424	24 Core 1.0mm LS0H Flat Travelling Cable	4.2 x 68	WC75





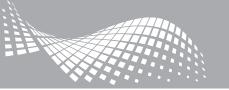
















LSZH Lift Travelling Cables

12 Core Flat FRNC (Fire Retardant Non-Corosive) Combination Travelling Cable

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment. It is suitable for use with data and communication equipment in lifts, such as intercom systems, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper conductor

Insulation: Aluminium hydroxide (FRNC), halogen free

Sheath: Aluminium hydroxide (FRNC)

Technical Data

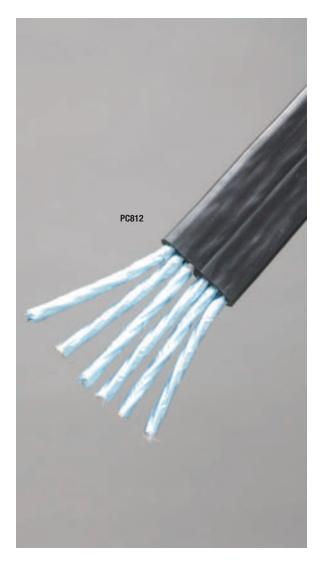
Voltage: 300/500V

Temperature Range: -20°C to +70°C

Free Hanging Length: 45mts Running Speed: 6.3 m/s Max Lift Height: 80mts

Relevant Standards

According to CENELEC HD 383, EN 50214 Resistances to IEC 60332-1-2, IEC 60754-1, IEC 60754-2, IEC 61034-1/-2



Order Code	Description	HxW (mm)	Suitable Wedge Clamp
PC812	12 Core Flat LS0H Individually Screened Travelling Cable Consisting Of: 6 Individually Screened Twisted Pairs, 0.75mm (12 Cores)	6 x 28	WC50





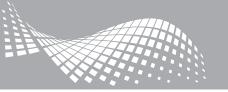
















20 Core Flat PVC Combination Travelling Cable

Application

Designed for use with data transmission, communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper Wires Insulation: PVC (Polyvinyl chloride) Sheath: PVC (Polyvinyl chloride) Insulation Foil: PETP-foil



Voltage: 300/500V

Temperature Range: -20 to + 70°C. Free Hanging Length: 45mts Max Lift Height: 80mts Running Speed: 10m/s

Relevant Standards

According to EM 50214 and similar

The state of the s	
0EM148595	

Order Code: 0EM148595

Order Code	Description	HxW (mm)	Suitable Wedge Clamp
OEM148595	20 Core PVC Combination Flat Travelling Cable Consisting Of: 2 x Screened Twisted Pairs, 0.75mm (4 Cores) 4 x 1.5mm Conductors (4 Cores) 10 x 0.75mm Conductors (10 Cores) 2 x 0.5mm Conductors (2 Cores)	5 x 51	WC75

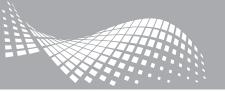
















32 Core Flat PVC Combination **Travelling Cable**

Application

Designed for use with data transmission, communication equipment in lifts, such as intercom systems, indicators, voice synthesis, key code access and swipe applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Copper Wires

Insulation: PE (Polyethylene), PVC (Polyvinyl chloride)

Sheath: PVC (Polyvinyl chloride)

Communication Quads: Quad 1 - White, white, blue, blue.

Quad 2 - Grey, grey, pink, pink. Quad 3 - Black, black, brown, brown.

Technical Data

Voltage: 300/500V

Temperature Range: -20 to + 70°C Free Hanging Length: 80mts Max Lift Height: 150mts Running Speed: 10m/s

Relevant Standards

According to EN 50214 and similar.

OEM19943	

Order Code: 0EM19943

Order Code	Description	HxW (mm)	Suitable Wedge Clamp
OEM19943	32 Core PVC Combination Flat Travelling Cable Consisting Of: 16 x 0.75mm Conductors (16 Cores) 3 x (4 x 0.25mm) communication quads (12 cores) 4 x 1.0mm Conductors (4 Cores)	5 x 66	WC75



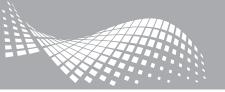
















19 Core Flat PVC Combination **Travelling Cable**

Application

Designed for use with data transmission, communication equipment in lifts, such as intercom systems, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper Wires

Insulation: PE (Polyethylene), PVC (Polyvinyl chloride)

Insulation Foil: PETP-Foil Sheath: PVC (Polyvinyl chloride)

Technical Data

Voltage: 300/500V

Temperature Range: -20 to + 70°C Free Hanging Length: 40mts Max Lift Height: 80mts Running Speed: 10 m/s

Relevant Standards

According to EN 50214 and similar.



Order Code: 0EM112171

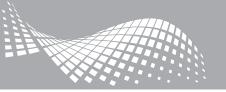
Order Code	Description	HxW (mm)	Suitable Wedge Clamp
OEM112171	19 Core PVC Combination Flat Travelling Cable Consisting Of: 2 x Screened Twisted Pairs, 0.5mm (4 Cores) 1 x 1.5mm Conductor (1 Core) 14 x 0.75mm Conductors (14 Cores)	5.5 x 48	WC75















24 Core Flat PVC Combination **Travelling Cable**

Application

Designed for supplying electrical power to moving lift cars or moving machine components. Also for indicators, key code access and swipe applications.

Construction

Conductor: Class 5 copper conductor Insulation: PVC (Polyvinyl Chloride) Sheath: PVC (Polyvinyl Chloride)

Technical Data

Voltage: 300/500V

Temperature Range: -20°C to +70°C

Free Hanging Length: 45mts Running Speed: 6.3 m/s Max Lift Height: 80mts

Relevant Standards

Conductor according to CENELEC HD 383 Insulation according to CENELEC HD 21.1/S2, DIN 53505 Sheath according to CENELEC HD 21.1/S2

EN 50214



Order Code: 0EM144582

Order Code	Description	HxW (mm)	Suitable Wedge Clamp
OEM144582	24 Core PVC Combination Flat Travelling Cable Consisting Of: 16 x 0.75mm Conductors (16 Cores) 8 x 0.50mm Conductors (8 Cores)	4 x 59	WC75





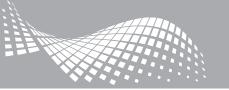
















LSZH Lift Travelling Cables

24 Core Flat FRLS (Fire Retardant Low Smoke) Combination Travelling Cable

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment. Designed for use with data and communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper Wires

Insulation: PE (Polyethylene), FRLS (Fire Retardant Low Smoke)

compound

Sheath: FRLS (Fire Retardant Low Smoke) compound

Technical Data

Voltage: 300/500V

Temperature Range: -15 to + 70°C Free Hanging Length: 40mts Max Lift Height: 80mts Running Speed: 10m/s

Relevant Standards

According to IEC 6022B, CENELEC HD 186/S2, DIN VDE 0207, DIN 53505, EN 50214, CENELEC HD 21.2/S2

PC824	
11//	

Order Code	Description	HxW (mm)	Suitable Wedge Clamp
PC824	24 Core Flat LSOH Combination Travelling Cable Consisting Of: 20 x 0.75mm Conductors (20 Cores) 2 x Screened Twisted Pairs, 0.5mm (4 Cores)	6 x 58	WC75

Note: Cables marked with * are available to order only.





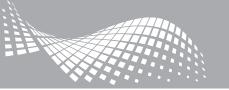
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LSZH Lift Travelling Cables CAT6E Flat LSZH (Low Smoke Zero Halogen) Travelling Cable

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment. Suitable for the transmission of digital and analogue voice and data signals. Supports all CAT6E applications (eg.10 Base-T, 100 Base-T, 1000 Base-T, ISDN). It is ideally suited to moving lift cars or moving machine components. Also optimized for RJ45 plug systems.

Construction

Conductor: Copper wire Insulation: PE (Polyethylene) Sheath: LSZH material

Shielded Pairs: Al/PETP foil per pair. Pair colours: White/blue, red/orange, black/green, yellow/brown.

Technical Data

Voltage: 100/100V

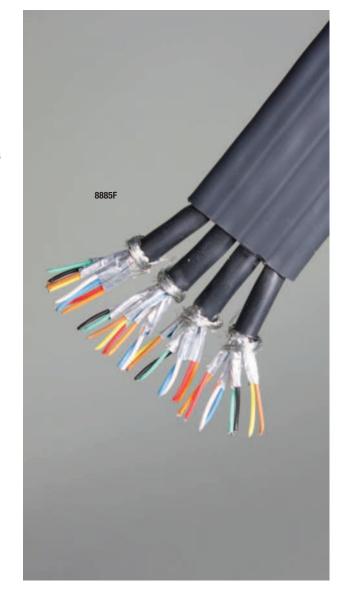
Temperature Range: -15 to + 70°C Free Hanging Height: 45mts Max Lift height: 65mts Running Speed: 4m/s

Relevant Standards

According to EN 50214.

Also to IEC 60754-2, EN 50267-2-2. flame propagation: IEC/

EN 60332-1-2, smoke density: IEC/EN 61034-2



Order Code	Description	Overall Diameter (mm)	Suitable Wedge Clamp
8885F	32 Core LSOH CAT6E Flat Travelling Cable Consisting Of: 4x 4 x (2 x AWG26) Screened Twisted Pairs, 0.75mm	8.4 x 29.6	WC50





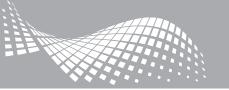
















PC809

LSZH Lift Travelling Cables

9 Core Flat FRNC (Fire Retardant Non-Corosive) Combination Travelling Cable

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment. Suitable for use with data transmission, communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper Wire

Insulation: FRNC (Fire Retardant Non-Corosive) material, PE

(Polyethylene)

Sheath: FRNC (Fire Retardant Non-Corosive) material

Insulation Foil: PETP-foil

Technical Data

Voltage: 300/500V

Temperature Range: -20 to + 70°C Free Hanging Length: 45mts Max Lift height: 80mts Running Speed: 2 m/s

Relevant Standards

According to DIN EN 13602, IEC 228, DIN VDE 0207, DIN 53505, CENELEC HD 383

Order Code	Description	Overall Diameter (mm)	Suitable Wedge Clamp
PC809	9 Core LSOH Combination Flat Travelling Cable Consisting Of: 4 x Screened Twisted Pairs, 0.75mm (8 Cores) 1 x RG59 75 Ohm Coaxial Cable (1 Core)	8 x 32	WC50







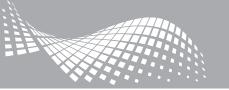
















LSZH Lift Travelling Cables

17 Core Flat FRNC (Fire Retardant Non-Corosive) Combination Travelling Cable

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment.

It is suitable for use with data and communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, key code access and swipe card applications. It is ideally suited to moving lift cars or moving machine components.

Construction

Conductor: Class 5 Copper Wire

Insulation: FRNC (Fire Retardant Non-Corosive) material, PE

(Polyethylene)

Sheath: FRNC (Fire Retardant Non-Corosive) material

Insulation Foil: PETP-foil

Technical Data

Voltage: 300/500V

Temperature Range: -20 to + 70°C Free Hanging Length: 45mts Max Lift height: 80mts Running Speed: 2 m/s

Relevant Standards

According to DIN EN 13602, IEC 228, DIN VDE 0207, DIN 53505, CENELEC HD 383

Order Code	Description	HxW (mm)	Suitable Wedge Clamp
PC817	17 Core LSOH Combination Travelling Cable Consisting Of: 2 x 4 Core Unscreened Twisted 0.75mm (8 Cores) 4 x Screened Twisted Pairs, 0.75mm (8 Cores) 1 x RG59 75 Ohm Co-Axial Cable (1 Core)	8 x 48	WC75

Note: Cables marked with * are available to order only.





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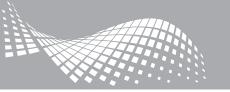
















PVC Lift Travelling Cables - Steel Supported

22 Core Flat PVC Combination **Travelling Cable - Steel Supported**

Application

Designed for use with data transmission, communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, security access. It is ideally suited to both indoor and panoramic lift cars for low rise (80m shaft height) and medium rise (150m shaft height) applications.

Construction

Conductor: Class 5 Copper Wires Insulation: PVC (Polyvinyl chloride) Shielded Pairs: Al/PETP foil per pair. Sheath: PVC (Polyvinyl chloride)

Technical Data

Voltage: Cores - 450/750V, Pairs - 300/300V

Temperature Range: -15 to + 70°C Free Hanging Length: 80mts Running Speed: 6.3 m/s

Relevant Standards

According to EN 50214, IEC/EN 60228, flame propagation -EN 60332-1-2



Order Code	Description	Overall Diameter (mm)	Suitable Wedge Clamp
8820F	22 Core PVC Flat Combination Supported Travelling Cable Consisting Of: $4 \times 1.5 \text{mm}^2 + (8 \times 2 \times 0.5 \text{mm}^2 \text{ FTP}) + 2 \times 75 \Omega$ Coaxial Cables	7.0 x 64.3	WC75





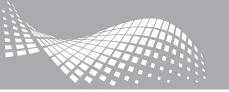
















PVC Lift Travelling Cables - Steel Supported

40 and 60 Core Flat PVC Travelling **Cable - Steel Supported**

Application

Designed for supplying electrical power to moving lift cars and machine components. It is ideally suited to both indoor and panoramic lift cars for low rise (80m shaft height), medium rise (150m shaft height) and high rise (400m shaft height) applications.

Construction

Conductor: Class 5 Copper Wires Insulation: PVC (Polyvinyl chloride) Shielded Pairs: Al/PETP foil per pair. Sheath: PVC (Polyvinyl chloride)

Technical Data

Voltage: Cores - 450/750V, Pairs - 300/300V Temperature Range: -15 to + 70°C Free Hanging Length: 80mts Running Speed: 6.3 m/s

Relevant Standards

According to EN 50214, IEC/EN 60228, flame propagation - EN 60332-1-2



Order Code	Description		H x W (mm)	Suspension Device
2040FT	40 Core 0.75mm ² PVC Flat Steel Supported Travelling Cable	*	9.6 x 69.0	LZ4001
2060FT	60 Core 0.75mm ² PVC Flat Steel Supported Travelling Cable	J	12.0 x 89.5	LZ4001





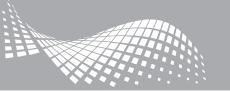
















PVC Lift Travelling Cables - Steel Supported

53 Core Flat PVC Combination Travelling Cable - Steel Supported

Application

Designed for use with data transmission, communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, security access. It is ideally suited to both indoor and panoramic lift cars for low rise (80m shaft height), medium rise (150m shaft height) and high rise (400m shaft height) applications.

Construction

Conductor: Class 5 Copper Wires Insulation: PVC (Polyvinyl chloride) Shielded Pairs: Al/PETP foil per pair. Sheath: PVC (Polyvinyl chloride)

Coaxial Cable: 75 Ohm

Technical Data

Voltage: cores - 300/500V, pairs - 300/300V Temperature Range: -15 to + 70°C

Free Hanging Height: 200mts Running Speed: 12 m/s

Relevant Standards

According to EN 50214, IEC/EN 60228, flame propagation -EN 60332-1-2

Order Code	Description		H x W (mm)	Suspension Device
8893F	53 Core PVC Flat Combination Supported Travelling Cable Consisting Of: 12 x 0.75mm² + (20 x 2 x 0.75mm² FTP) + 1 x 75Ω Coaxial Cable	k	13.4 x 86.6	LZ4001



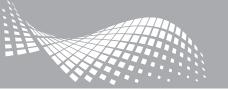
















LSZH Lift Travelling Cables - Supported

13 Core Flat LSZH (Low Smoke Zero Halogen) Combination Travelling Cable - Supported

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment. It is ideally suited to both indoor and panoramic lift cars for low rise (80m shaft height) and medium rise (150m shaft height) applications. It is designed for use with general power supply applications or for use with CCTV and communication equipment.

Construction

Conductor: Class 5 Copper Wires

Insulation: LSZH material Sheath: LSZH material Coaxial Cable: 75 Ohm

Technical Data

Voltage: 300/500V

Temperature Range: -15 to + 70°C Free Hanging Height: 80mts Running Speed: 6.3 m/s

Relevant Standards

According to EN 50214, IEC/EN 60228, flame propagation -IEC/EN 60332-1-2, zero halogen - IEC 60754-2, EN 50267-2-2, smoke density - IEC/EN 61034-2

8622F	
	3.

Order Code	Description	H x W (mm)	Suitable Wedge Clamp
8622F	13 Core LS0H Flat Combination Supported Travelling Cable Consisting Of: \star 12 x 1.0mm ² + 1 x 75 Ω Coaxial Cable	6.0 x 48.4	WC75



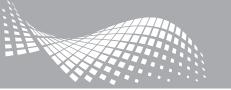
















LSZH Lift Travelling Cables - Steel Supported

34 Core Flat LSZH (Low Smoke **Zero Halogen)Combination Travelling Cable - Steel Supported**

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment. Suitable for use with data transmission, communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, security access. It is ideally suited to both indoor and panoramic lift cars for low rise (80m shaft height), medium rise (150m shaft height) and high rise (400m shaft height) applications.

Construction

Conductor: Class 5 Copper Wires Insulation: LSZH material Sheath: LSZH material

Technical Data

Voltage: 300/500V

Temperature Range: -15 to + 70°C Free Hanging Height: 200mts Max Lift Height: 400mts Running Speed: 6.3 m/s **Relevant Standards**

According to EN 50214, IEC/EN 60228, flame propagation -IEC/EN 60332-1-2, zero halogen - IEC 60754-2, EN 50267-2-2, smoke density - IEC/EN 61034-2



Order Code	Description	H x W (mm)	Suspension Device
8585F	34 Core LSOH Flat Combination Steel Supported Travelling Cable Consisting Of: 30 x 1.0mm ² + 1 x (4 x 0.34mm ² (STQ)	9.7 x 61.8	LZ4001









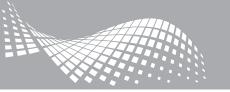
















LSZH Lift Travelling Cables - Steel Supported

61 Core Flat LSZH (Low Smoke **Zero Halogen) Combination Travelling Cable - Steel Supported**

Application

Designed for use where fire, smoke emission or toxic fumes would create a potential threat to life and equipment. Suitable for use with data transmission, communication equipment in lifts, such as intercom systems, CCTV, indicators, voice synthesis, security access. It is ideally suited to both indoor and panoramic lift cars for low rise (80m shaft height), medium rise (150m shaft height) and high rise (400m shaft height) applications.

Construction

Conductor: Class 5 Copper Wires Insulation: LSZH material Sheath: LSZH material

Technical Data

Voltage: 300/500V

Temperature Range: -15 to + 70°C Free Hanging Height: 200mts Max Lift Height: 400mts Running Speed: 6.3 m/s

Relevant Standards

According to EN 50214, IEC/EN 60228, flame propagation -IEC/EN 60332-1-2, zero halogen - IEC 60754-2, EN 50267-2-2, smoke density - IEC/EN 61034-2

Order Code	Description	H x W (mm)	Suspension Device
8880F	61 Core LSOH Flat Combination Steel Supported Travelling Cable Consisting Of: 12 x 0.75mm² + 24 x 2 x 0.75mm² (FTP) + 1 x 75Ω Coaxial Cable	14.5 x 98.5	LZ4001







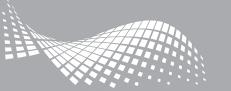














Travelling Cable Accessories

Wedge Clamps For Flat Travelling Cable

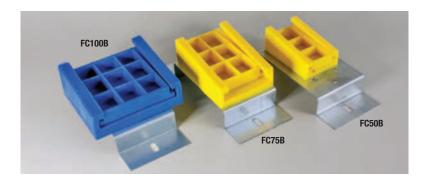
Flat wedge clamps are made from durable moulded nylon and consist of a bracket that attaches to the shaft wall (or the lift car) and a clamping wedge that secures the cable in the bracket.

They are designed to support up to three cables totalling a maximum thickness of 15mm. If multiple cables are being used, the narrowest cable width must not be less than 70% of the widest cable. Flat wedge clamps are also available with a "top hat" stand-off bracket, offering more flexible fixing options.

The wall mounted steel suspension device is specifically designed for the installation of high rise travelling cables. The cables affixes to the suspension device in a 'looped' by means of its own steel wire support ropes.

Order Code	Description	Dimensions LxWxH (mm)
WC50	2" (50mm) Flat Wedge Clamp	100 x 60 x 45
WC75	3" (75mm) Flat Wedge Clamp	120 x 90 x 50
WC100	4" (100mm) Flat Wedge Clamp	115 x 130 x 54
WC50B	2" (50mm) Flat Wedge Affixed to Stand-Off Bracket	230 x 65 x 75
WC75B	3" (75mm) Flat Wedge Clamp Affixed to Stand-Off Bracket	230 x 93 x 80
WC100B	4" (100mm) Flat Wedge Clamp Affixed to Stand-Off Bracket	230 x 130 x 84
LZ4001	Suspension Device for High Rise Travelling Cables	220 x 170 WxH







Termination Glands For Flat Travelling Cable

Flat cable glands offer a simple and neat solution for terminating flat travelling cable into a terminal box or control panel. They consist of two parts, which are separated to enable the single wires of the flat trailing cable to be fed through the gland hole. The oval gasket is then placed over the trailing flex to create an IP65 seal prior to the two parts of the gland being re-assembled. The gland can then be fitted to a terminal box, connection box or control panel.

Order Code	Description	Frame Dimensions LxHxW (mm)	Entry Dimensions LxH (mm)
WCE6	Flat Cable 6 Way Entry	73 x 39 x 18.9	19-23 x 5.5-6
WCE12	Flat Cable 12 Way Entry	98 x 39 x 18.9	32.5-38 x 5.5-6
WCE18	Flat Cable 18 Way Entry	120 x 39 x 18.9	49-54 x 5.5-6
WCE24	Flat Cable 24 Way Entry	147 x 39 x 18.9	72.77 x 5.5-6







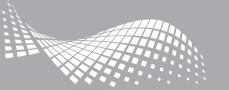














Travelling Cable Accessories

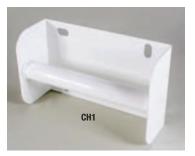
Wedge Clamps and Cable Hangers For Round Travelling Cable

Round wedge clamps are made from durable moulded nylon and will accept any round travelling cable up to a maximum diameter of 25mm or 48 way. They are supplied complete with removable internal fillets, enabling smaller diameter cables to be secured. Round wedge clamps are also available with a "top hat" stand-off bracket offering more flexible fixing options.

The cable hanger highlighted offers a further support option for both round and flat travelling cables.

Order Code	Description	Dimensions LxWxH (mm)
WCR1	Round Wedge Clamp	150 x 50 x 52
WCRB1	Round Wedge Clamp Affixed to Stand-Off Bracket	225 x 90 x 80
CH1	Cable Hanger For Round (Or Flat) Travelling Cable	220 x 75 x 140





Flex Hanger Bracket and Car Flex Hanger Kit

The flex hanger bracket accepts any flat or round wedge clamp, including those with stand-off brackets, offering a quick and simple wall fixing option.

The car flex hanger kit consists of a flex hanger bracket which is affixed to a 500mm length of shallow, slotted channel. This contains two 'L' shaped brackets which enable simple fixing to the bottom of the lift car.

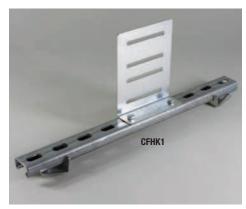
The car flex hanger kit will accept any flat or round wedge clamp, including those with 'top hat' stand-off brackets.

Please note that both the flex hanger bracket and the car flex hanger kit are NOT supplied with wedge clamps, so please remember to order these separately.

Order Code	Description	Dimensions LxWxH (mm)
FHB1	Flex Hanger Bracket	60 x 125 x 50
CFHK1	Car Flex Hanger Kit	180 x 500 x 50

Note: Wedge clamp is not included, so please order separately.







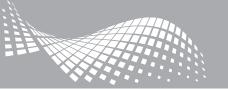
















Installation of Wedge Clamps for Low Rise and Medium Rise Cables

1. Maximum Clamping Thickness of Wedge Clamp

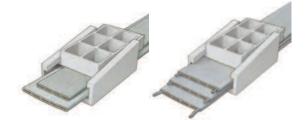
Wedge clamps are designed to support a maximum of 3 cables.

Wedge Clamp	Clamping Range A (mm)	Width of Cable
WC50	3-12mm	≤ 55mm
WC75	3-15mm	≤ 56-79mm
WC100	3-22mm	≤ 80-100mm



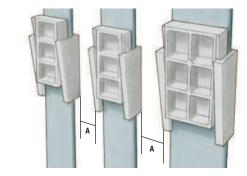
2. Permitted Cable Combinations

Wedge Clamp	Permitted Cable Combinations
WC50	Maximum 3 cables, with narrowest cable being no less than 70% of widest cable
WC75 & WC100	Maximum 3 cables, with narrowest cable being no less than 70% of widest cable



3. Fixing Several Adjacent Suspension Devices

Spacing 'A' must be a minimum of 50mm.



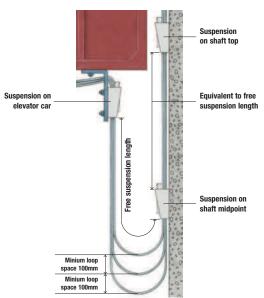
4. Installation Positions of Suspension Devices

A third wedge clamp is required at shaft midpoint if the actual travelling height is greater than the free suspension length.

	Medium Rise Cables	High Rise Cables
Max travel height	80 metres / 260 feet	150 metres / 490 feet
Max free suspension length	45 metres / 150 feet	80 metres / 260 feet

5. Minimum Loop Spacing for Cable Combination

Distance between loops should be a minimum of 100mm, with the thinnest cable on top and the thickest cable underneath it.



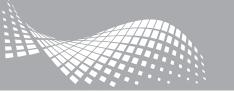
















Installation of Suspension Device for High Rise Travelling Cables

1. Forming a Loop

Draw other end of steel wire rope through second sleeve, using tape for parallel fixation.

An alternative to crimping sleeves is to place 3 x Crospy clips (G-450) each side of the loop, or use cable grips according to DIN 1142.



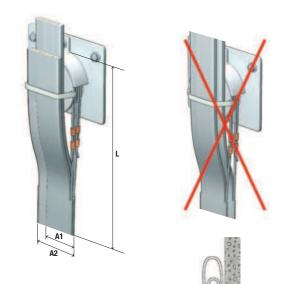




2. Preparation for Cable Installation

A1/A2 = Spacing distance between steel wire ropes.

 $A1 \leq 50mm = L \; min \; 500mm$ $A2 \geq 50mm = L \ min \ 300mm$



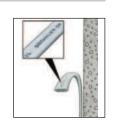
3. Installation Position of Suspension Device for **High Rise Travelling Cables**

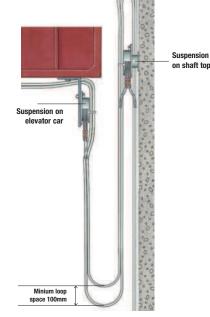
A third suspension device is required at shaft midpoint (not shown) if the actual travelling height is greater than the free suspension length.

High Rise Cables

Max travel height = 400 metres / 1312 feet

Max free suspension length = 220 metres / 722 feet





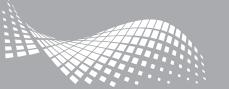














Nylon Cable Ties

Nylon cable ties are inert to fungus and mould and are resistant to petrol,oil, grease and alkalis. They are self extinguishing to U.L.94V2 and can be tensioned by hand. They are supplied in bags of 100.

Order Code	Description
7045N	100 x 2.5mm White Cable Ties (Bag 100)
7045B	100 x 2.5mm Black Cable Ties (Bag 100)
7047N	160 x 4.5mm White Cable Ties (Bag 100)
7047B	160 x 4.5mm Black Cable Ties (Bag 100)
7048N	200 x 4.8mm White Cable Ties (Bag 100)
7048B	200 x 4.8mm Black Cable Ties (Bag 100)
7051N	370 x 4.8mm White Cable Ties (Bag 100)
7051B	370 x 4.8mm Black Cable Ties (Bag 100)
7056N	300 x 4.8mm White Cable Ties (Bag 100)
7056B	300 x 4.8mm Black Cable Ties (Bag 100)
7058N	370 x 7.6mm White Cable Ties (Bag 100)
7058B	370 x 7.6mm Black Cable Ties (Bag 100)



Stainless Steel Cable Ties

Stainless Steel cable ties are an ideal alternative for when nylon ties are not suitable. They have excellent resistance to abrasion, corrosion, radiation, weathering and extremes of temperature. Also, they have a greater load carrying capacity and may be used for general strapping applications. They are supplied in bags of 100.

Order Code	Description
SRBT30S	150 x 4.6mm (6") S/Steel Cable Ties (Bag 100)
SRBT50S	225 x 4.6mm (9") S/Steel Cable Ties (Bag 100)
SRBT100S	360 x 4.6mm (14") S/Steel Cable Ties (Bag 100)
SRBT115S	520 x 4.6mm (20") S/Steel Cable Ties (Bag 100)
DSTG2	Application Tool



LSZH (Low Smoke Zero Halogen) Cable Ties Order Code: 1783B

These are made from a self-extinguishing, V0:UL94 halogen-free, fire proof material. Measuring 300mm long and 4.6mm wide and supplied in a bag of 100, these multitoothed ratchet cable ties enable strong locking and a high tensile strength. These cable ties have been tested and are approved for use on London Underground projects.

Ideal for use in both demanding environments and general applications where limited fire hazard properties are required, such as public buildings, factories, offshore, railway stations and the underground.







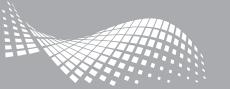














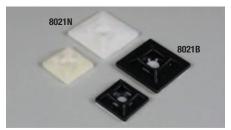
Self Adhesive Mounts and Cable Tie Cradles

Self adhesive cable tie bases are available in two sizes, either 19x19mm or 27x27mm and in either black or white. They are supplied in bags of 100.

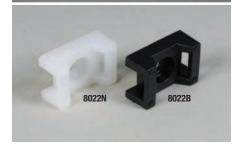
Available in white only, self adhesive clips are suitable for routing cables inside cabinets or racks. These clips can be used to support cables ties or the cable itself. They are ideal for noise sensitive work areas, like hospitals or libraries and can be used on both steel and plastic surfaces. These clips are supplied in bags of 100.

Cable tie cradles hold cable ties firmly in place, increasing both their resistance and resilience. Supplied with holes for fixing screws, cable tie cradles are available in either black and white and are supplied in bags of 100.

Order Code	Description
8020N	Self Adhesive White Cable Tie Base 19 x 19mm
8020B	Self Adhesive Black Cable Tie Base 19 x 19mm
8021N	Self Adhesive White Cable Tie Base 27 x 27mm
8021B	Self Adhesive Black Cable Tie Base 27 x 27mm
SAF2	Self Adhesive Clip - 8mm Diameter Cable
SAF3	Self Adhesive Clip - 12mm Diameter Cable
SAF4	Self Adhesive Clip - 16mm Diameter Cable
8022N	White Cable Tie Cradle
8022B	Black Cable Tie Cradle







Heat Shrink Sleeving

Heat shrink sleeving is suitable for general insulation, cable marking and colour coding. It has a shrink ratio of 2:1 and will operate between temperatures of -55 to +135°C. Each pack contains 4 colours, brown, blue, black and grey.

Order Code	Pre-Shrink	Post-Shrink	Lengths Per Pack (250mm)		mm)	
	Dia (mm)	Dia (mm)	Brown	Blue	Black	Grey
HSK3	3.2	1.6	3	3	3	3
HSK6	6.4	3.2	3	3	3	3
HSK12	12.8	6.4	3	3	3	3
HSK19	19.0	9.5	2	2	2	2
HSK25	25.0	12.5	2	2	2	2



Nylon Cable Tie Fixings

Cable tie masonry mounts are screwed into a 6mm diameter hole and then the tie is fed through the aperture in the screw head. Cable tie fixings with rawlplug and fixing pin work by inserting a two part rawlplug into a pre-drilled hole and then securing it by hammering in the fixing pin, thus leaving a wall mounted cable tie facility. Both of the above are supplied in bags of 100.

Order Code	Description
CTMM1	Cable Tie Masonry Mount
CTS200	Cable Tie Fixing With Rawlplug And Fixing Pin





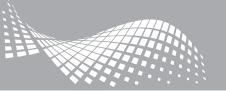
















Pre-Insulated Crimp Terminals

Pre-insulated crimp terminals are suitable for cable sizes 0.5mm² - 6.0mm². The insulation sleeve is colour coded in red, blue or yellow to indicate cable size. All pre-insulated crimp terminals are sold in bags of 100.

Fully Insulated Female Push-On Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
2.8mm	1231	-	-
4.8mm	1218	1219	-
6.3mm	1207	1213	1215



Splice Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
N/A	2409	2410	2411



Ring Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
3.7mm	1602	1613	1626
4.3mm	1604	1614	1624
5.3mm	1606	1616	1625
6.5mm	1607	1618	1627
8.5mm	1608	1619	1629

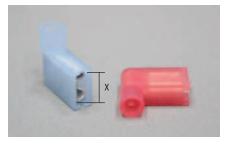


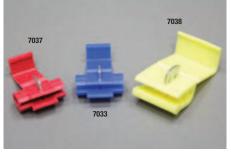
Fully Insulated Female Angled Push-On Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
6.3mm	1236	1237	1238

Self Stripping Connectors - Scotchlok Type Scotchloks offer excellent electrical connection without cutting tap or run wires. They are simple to use (applied with pliers) and offer three types of connection: tap, low voltage and pigtail. Pack quantity is 100.

Colour And Size	Red	Blue	Yellow
	(0.5-1.5mm)	(1.5-2.5mm)	(4.0-6.0mm)
Order Code	7037	7033	7038









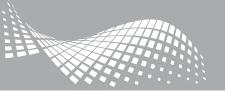
















Pre-Insulated Crimp Terminals

Pre-insulated crimp terminals are suitable for cable sizes 0.5mm² - 6.0mm². The insulation sleeve is colour coded in red, blue or yellow to indicate cable size. All pre-insulated crimp terminals are sold in bags of 100.

Blade Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
10.0mm	-	2435	2437
11.0mm	2433	-	-
14.0mm	-	-	-
18.0mm	2434	2436	2438



Pin Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
9.0mm	2430	2431	-
12.0mm	2427	2428	-
14.0mm	-	-	2429



Piggy Back Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
6.3mm	1205	1211	1235



Female Push-On Terminals

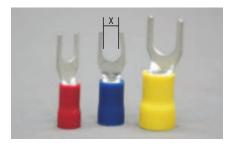
X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
2.8mm	1201	-	-
4.8mm	1203	1208	-
6.3mm	1204	1210	1214
9.5mm	-	-	1217





Fork Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
3.2mm	2001	2010	-
3.7mm	2002	2011	2023
4.3mm	2006	2014	2020
5.3mm	2008	2017	2021
6.5mm	2009	2019	2022





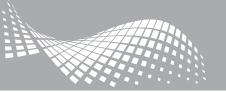
















Spade Terminals

X	Red (0.5-1.5mm)	Blue (1.5-2.5mm)	Yellow (4.0-6.0mm)
6.3mm	1206	1212	1216



Flex End Terminals

Order Code	Description	Colour Code
VICE0505	Flex End Terminal For 0.5mm ² Cable	White
VICE7575	Flex End Terminal For 0.75mm ² Cable	Blue
VICE1010	Flex End Terminal For 1.0mm ² Cable	Red
VICE1515	Flex End Terminal For 1.5mm ² Cable	Black
VICE2525	Flex End Terminal For 2.5mm ² Cable	Grey
VICE4040	Flex End Terminal For 4.0mm ² Cable	Orange
VICE6040	Flex End Terminal For 6.0mm ² Cable	Green
VICE0010	Flex End Terminal For 10.0mm ² Cable	Brown



Closed End (Insulated) Terminals

Conductor And Size	(1.0-1.75mm)	(1.0-2.5mm)	(2.0-5.5mm)
Order Code	2423	2422	2424



Uninsulated Copper Terminals

Hole Size Cable Size	6mm Stud	8mm Stud	10mm Stud	12mm Stud	14mm Stud	16mm Stud	Through Splice
10mm	7110M6	7110M8	7110M10	7110M12	-	-	7110THR0
16mm	7116M6	7116M8	7116M10	7116M12	-	-	7116THR0
25mm	7125M6	7125M8	7125M10	7125M12	-	-	7125THR0
35mm	7135M6	7135M8	7135M10	7135M12	-	-	7135THR0
50mm	7150M6	7150M8	7150M10	7150M12	-	-	7150THR0
70mm	7170M6	7170M8	7170M10	7170M12	-	-	7170THR0
95mm	-	7195M8	7195M10	7195M12	7195M14	7195M16	7195THR0
120mm	-	71120M8	71120M10	71120M12	71120M14	71120M16	71120THR0
150mm	-	-	71150M10	71150M12	71150M14	71150M16	71150THR0
185mm	-	-	71185M10	71185M12	71185M14	71185M16	71185THR0
240mm	-	-	-	71240M12	71240M14	71240M16	71240THR0

Uninsulated copper terminals are manufactured from seamless copper tube and are tested to comply with BS4579.

Example: 7125M10 is a 25mm² copper terminal with an M10 diameter fixing hole.









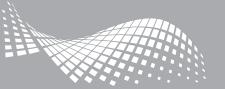
















Insulated And Uninsulated Terminal Kits

We offer a number of terminal kits containing a selection of either insulated crimp terminals or uninsulated copper tube terminals. Kits are available both with and without crimping tools and can easily be topped up from our selection of terminals.

Order Code	Description
TK1	Assortment of 12 popular pre-insulated crimp terminals (1.5-6.0mm). Complete with a hand ratchet crimp tool.
IKI	Kit Includes: 1210, 1614, 2006, 2427, 2428, 1625, 1627 1204, 1606, 1607, 1616 and 2010



Order Code	Description
TK2	Assortment of 6 popular uninsulated copper tube terminals (6-16mm). Complete with a hand ratchet crimp tool.
	Kit Includes: 7106M6, 7106M8, 7110M6, 7110M8, 7116M6 and 7116M8



Order Code	Description
TIVO	Assortment of 16 popular pre-insulated crimp terminals (1.5-6mm).
TK3	Kit Includes: 1204, 1604, 1607, 1618, 2409, 2427, 1210, 1606, 1616 1614, 2410, 2428, 1627, 1625, 2411 and 2429



Order Code	Description
	Assortment of 12 popular uninsulated copper tube terminals (10-16mm).
TK4	Kit Includes: 7110M6, 7110M10, 7116M8, 7125M6, 7125M8 7125M10, 7135M8, 7135M10, 7135M12, 7150M6 7150M8 and 7150M10







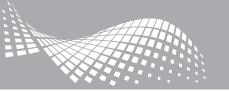












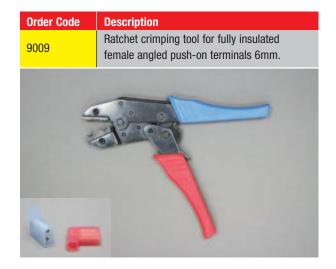




Compression, Cutting And Stripping Tools



Order Code	Description	
9014	Ratchet crimping tool for pre-insulated terminals size 0.5mm-6.0mm.	
2		
	909	





Order Code	Description
ESA0760C	Heavy duty ratchet crimping tool for insulated crimp terminals size 0.5mm-6mm. Designed for frequent use. Features low pressure grip for comfort.
000	

	Description
CS629	Cable sheath stripper. Designed to strip cable sheath on cables 6.0 to 29mm in diameter. It features a self locking adjustable cutting depth for sheath thickness.
	KNIPEX 16 30 138



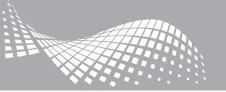
















Compression, Cutting And Stripping Tools

Order Code	Description
C0C5862	Coaxial cable stripper. Designed to strip cable sheath from coaxial TV cables 4.8 to 7.5mm in diameter, i.e. RG58 and RG59 TV cable. It can also be adjusted to strip RG62 TV cable by means of an hexagon key, which is supplied.



Order Code	Description
KT1AS	A versatile low cost tool that will strip, crimp and cut PVC cables from 0.5mm-6.0mm.



Order Code	Description
7083	Medium duty cable cutter for cables up to 50mm² (14mm diameter).
3	

Order Code	Description
SAS618	Self adjusting insulation stripper. Well suited for repetitive tasks, the tool adjusts to suit the cable cross section automatically. Suitable for stripping cables from 6.0 to 18mm in dia.



Order Code	Description
H35/2	Single hand action, professional cable stripper, featuring jaws that automatically stay open so that the cable can be removed without crushing. suitable for cables 0.25mm-6.0mm offering a maximum strip length of 22mm.



Order Code	Description
DCC500HR	Hand ratchet cable cutter for cutting PVC sheathed copper and aluminium cables up to 500mm² (55mm diameter).

















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