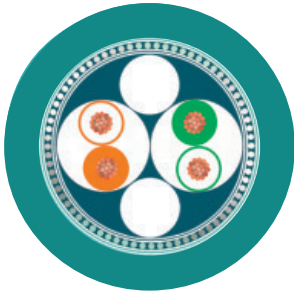


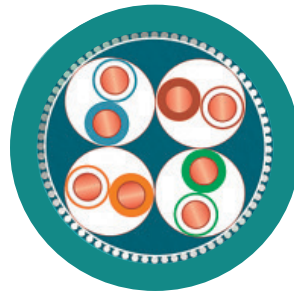
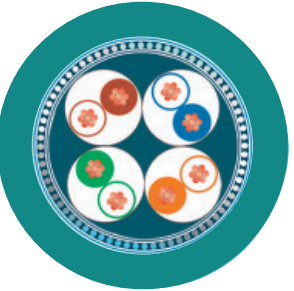
NETWORK COMPONENT - NETWORK CABLE

Ethernet cable, supplied by the meter, shielded

Ethernet		46P	Event installation	46A	Drag chain
					
Order data		PVC	2x2xAWG26/7	PUR	2x2xAWG26/7
		Model	Order Number	Model	Order Number
100m		EH4-OE-OE-46P/L0100	1151000100	EH4-OE-OE-46A/L0100	1110000100
Customizable		EH4-OE-OE-46P/L0000	1151000000	EH4-OE-OE-46A/L0000	1110000000
Technical parameters					
Applied to	Transmission characteristics (Category) Cable structure Ambient temperature (operating)	Ethernet CAT5 (IEC 11801: 2002), 100 Mbps 2x2xAWG26/7; SF/UTP -40 °C ... 80 °C (Cable, fixed installation) -20 °C ... 80 °C (Cable, fixed installation)		Ethernet CAT5 (IEC 11801: 2002), 100 Mbps 2x2xAWG26/7; SF/UTP -40 °C ... 80 °C (Cable, fixed installation) -20 °C ... 80 °C (Cable, fixed installation)	
Conductor	Ambient temperature (operating) Cross-section of the conductor Wire material Wire resistance	26 / 7x 0.16 mm 2x 2x 0.14 mm ² Copper stranded wire ≤ 140 Ω/km		26 / 7x 0.16 mm 2x 2x 0.14 mm ² Copper stranded wire ≤ 140 Ω/km	
Core wire	Wire insulation material Core diameter (including insulation layer) Twisted pair cable Main twisted pair Wire color	PE 0.98 mm Two wires make a pair Two pairs of twisted wires are twisted together on two twisted type filled wire cores White/orange - orange, white/green - green		PE 0.98 mm Two wires make a pair Two pairs of twisted wires are twisted together on two twisted type filled wire cores White/orange - orange, white/green - green	
	Digit number	4		4	
Block	Block Shielding coverage rate	Aluminum foil coated, tin-plated copper shielding mesh 70 %		Aluminum foil coated, tin-plated copper shielding mesh 70 %	
Sheath	Outer sheath, material Outer sheath, color Thickness of the external sheath Cable outer diameter D	PVC Water Blue RAL 5021 1.2 mm 6.4 mm ±0.2 mm		PUR Water Blue RAL 5021 1.2 mm 6.4 mm ±0.2 mm	
Characteristics	Insulation resistance Coupling resistance Nominal voltage of the cable Core wire withstand voltage test Ambient temperature (installation) Ambient temperature (storage/transportation) Oil resistance Wave impedance Minimum bending radius, movable installation Short-term/long-term tension strength Signal running time Flame retardant Cable weight Cable capacity Halogen-free UL AWM form Minimum bending radius, fixed installation Cable length	≥ 500 MΩ/km ≤ 100.00 mΩ/m (10 MHz) ≤ 100 V 700 V (50Hz, 1min) -20 °C ... 80 °C -20 °C ... 80 °C In line with DIN EN 60811-2-1 标准 100 Ω ±5 Ω (100 MHz) 7.5 D ≤ 80N 5.3 ns/m 符合 IEC 60332-1-2 42 kg/km 大约 45 nF/km (1 kHz) 20963 (80°C/30 V) 5 x D 100 m		≥ 500 MΩ/km ≤ 100.00 mΩ/m (10 MHz) ≤ 100 V 700 V (50Hz, 1min) -20 °C ... 80 °C -20 °C ... 80 °C In line with DIN EN 60811-2-1 标准 100 Ω ±5 Ω (100 MHz) 7.5 D ≤ 80N 5.3 ns/m 符合 IEC 60332-1-2 42 kg/km 大约 45 nF/km (1 kHz) 符合 IEC 60754-1 20963 (80°C/30 V) 5 x D 100 m	

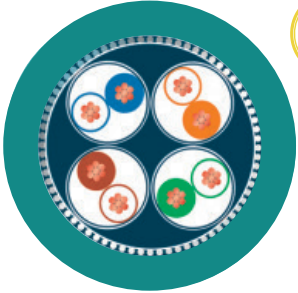
NETWORK COMPONENT - NETWORK CABLE

Ethernet cable, supplied by the meter, shielded

		46R	Event installation	46B	Single share	46C	Drag chain
							
		PVC	4x2xAWG26/7	PUR	4x2xAWG24/1	PUR	4x2xAWG26/7
		Model	Order Number	Model	Order Number	Model	Order Number
		EH8-OE-OE-46R/L0100	1140000100	EH8-OE-OE-46B/L0100	1111000100	EH8-OE-OE-46C/L0100	1112000100
		EH8-OE-OE-46R/L0000	1140000000	EH8-OE-OE-46B/L0000	1111000000	EH8-OE-OE-46C/L0000	1112000000
		Ethernet CAT5 (IEC 11801: 2002), 1Gbps 4x2xAWG26/7; SF/UTP -40 °C ... 80 °C (Cable, fixed installation) -20 °C ... 80 °C (Cable, fixed installation)		Ethernet CAT5 (IEC 11801: 2002), 1Gbps 4x2xAWG24/1; SF/UTP -40 °C ... 80 °C (Cable, fixed installation)		Ethernet CAT5 (IEC 11801: 2002), 1Gbps 4x2xAWG26/7; SF/UTP -40 °C ... 80 °C (Cable, fixed installation) -20 °C ... 80 °C (Cable, fixed installation)	
		26 / 7x 0.16 mm 2x 2x 0.14 mm ² Copper stranded wire ≤ 140 Ω/km		24 / 1x 0.50 mm 4x 2x 0.20 mm ² Bare copper wire < 93.8 Ω/km		26 / 7x 0.16 mm 2x 2x 0.14 mm ² Copper stranded wire ≤ 140 Ω/km	
		PE 0.96 mm Two wires make a pair Four pairs of wire cores White/blue - blue, white/orange - orange White/green - green, white/brown - brown 8		PE 1.1mm±0.05mm Two wires make a pair Four pairs of wire cores White/blue - blue, white/orange - orange White/green - green, white/brown - brown 8		PE 0.96 mm Two wires make a pair Four pairs of wire cores White/blue - blue, white/orange - orange White/green - green, white/brown - brown 8	
		Aluminum foil coated, tin-plated copper shielding mesh 70 %		Polyester film with aluminum coating, tin-plated copper shielding net 85%		Aluminum foil coated, tin-plated copper shielding mesh 70 %	
		PVC Water Blue RAL 5021 1.05 mm 6.4 mm ±0.2 mm		PUR Water Blue RAL 5021 0.4 mm 6.4 mm ±0.2 mm		PUR Water Blue RAL 5021 1.05 mm 6.4 mm ±0.2 mm	
		≥ 500 MΩ/km ≤ 100.00 mΩ/m (10 MHz) ≤ 100 V 700 V (50Hz, 1min) -20 °C ... 80 °C -20 °C ... 80 °C 符合 DIN EN 60811-2-1 标准 100 Ω ±5 Ω (100 MHz) 8 x D ≤ 80N 5.3 ns/m 符合 IEC 60332-1-2 47 kg/km 48 nF/km (1 kHz) 20963 (80°C/30 V) 4 x D 100 m		≥ 5GΩ/km 72 V DC 250 V DC 0°C ... 50 °C -20 °C ... 70 °C 符合 DIN EN 60811-2-1 标准 100 Ω ±5 Ω (100 MHz) 7x D ≤ 80N 5.7 ns/m 符合 FT-2 < 56 nF/km 符合 IEC 60754-2 20549 (80°C/30 V) 30mm 100 m		≥ 500 MΩ/km ≤ 100.00 mΩ/m (10 MHz) ≤ 100 V 700 V (50Hz, 1min) -20 °C ... 80 °C -20 °C ... 80 °C 符合 DIN EN 60811-2-1 标准 100 Ω ±5 Ω (100 MHz) 8 x D ≤ 100N 5.3 ns/m 符合 IEC 60332-1-2 47 kg/km 48 nF/km (1 kHz) 符合 IEC 60754-1 20963 (80°C/30 V) 4 x D 100 m	

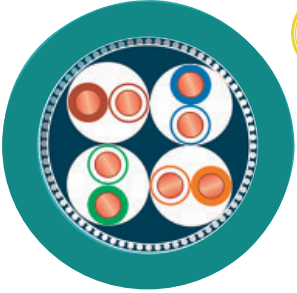
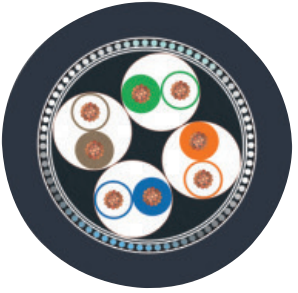
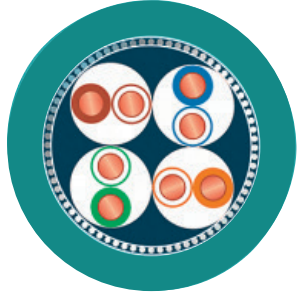
NETWORK COMPONENT - NETWORK CABLE

Ethernet cable, supplied by the meter, shielded

Ethernet			46E	The soft	48P	Drag chain
						
Order data			PUR	4x2xAWG26/19	PUR	4x2xAWG26/7
			Model	Order Number	Model	Order Number
100m			EH8-OE-OE-46E/L0100	1114000100	EH8-OE-OE-48P/L0100	1119000100
Customizable			EH8-OE-OE-46E/L0000	1114000000	EH8-OE-OE-48P/L0000	1119000000
Technical parameters						
Applied to	Transmission characteristics (Category) Cable structure Ambient temperature (operating)	Ethernet CAT5 (IEC 11801), 1Gbps 4x2xAWG26/19; SF/UTP -40 °C ... 80 °C (Cable, fixed installation) -20 °C ... 80 °C (Cable, fixed installation)		Ethernet CAT6A, 10 Gbps 4x2xAWG26/7; SF/UTP -40 °C ... 80 °C (Cable, fixed installation) -20 °C ... 80 °C (Cable, fixed installation)		
Conductor	Ambient temperature (operating) Cross-section of the conductor Wire material Wire resistance	26 / 19x 0.10 mm 4x 2x 0.14 mm² Bare copper wire ≤ 140 Ω/km		26 / 7x 0.16 mm 4x 2x 0.14 mm² Bare copper wire ≤ 140 Ω/km		
Core wire	Wire insulation material Core diameter (including insulation layer) Twisted pair cable Main twisted pair Wire color Digit number	PE 1 mm Two wires make a pair Four pairs of twisted wires are twisted together on four twisted type filled wire cores White/blue - blue, white/orange - orange White/green - green, white/brown - brown 8		PE 1.04 mm Two wires make a pair Four pairs of wire cores White/blue - blue, white/orange - orange White/green - green, white/brown - brown 8		
Block	Block Shielding coverage rate	The shielding net is made of tin-plated copper wire 90 %		The shielding net is made of tin-plated copper wire 70 %		
Sheath	Outer sheath, material Outer sheath, color Thickness of the external sheath Cable outer diameter D	PUR Water Blue RAL 5021 0.85 mm 6.9mm +0.1 mm/0.2 mm		PUR Water Blue RAL 5021 0.65 mm 6.4 mm ±0.2 mm		
Characteristics	Insulation resistance Coupling resistance Nominal voltage of the cable Core wire withstand voltage test Ambient temperature (installation) Ambient temperature (storage/transportation) Oil resistance Wave impedance Minimum bending radius, movable installation Short-term/long-term tension strength Signal running time Flame retardant Cable weight Cable capacity Halogen-free UL AWM form Minimum bending radius, fixed installation Cable length	≥ 500 MΩ/km ≤ 100.00 mΩ/m (10 MHz) ≤ 100 V 700 V (50Hz, 1min) -20 °C ... 80 °C -20 °C ... 80 °C In line with DIN EN 60811-2-1 100 Ω ±5 Ω (100 MHz) 8 x D ≤ 100N 5.3 ns/m In line with IEC 60332-1-2 57 kg/km Approximately 50 nF/km (1 kHz) In line with IEC 60754-1 20963 (80°C/30 V) 4 x D 100 m		≥ 500 MΩ/km ≤ 290 MΩ/km ≤ 100 V 700 V (50Hz, 1min) -20 °C ... 80 °C -20 °C ... 80 °C In line with DIN EN 60811-2-1 Standard 100 Ω ±5 Ω (100 MHz) 8 x D ≤ 100N 5.13 ns/m In line with IEC 60332-1-2 57 kg/km In line with IEC 60754-1 20963 (80°C/30 V) 4 x D 100 m		

NETWORK COMPONENT - NETWORK CABLE

Ethernet cable, supplied by the meter, shielded

48H	Flame retardancy	46F	UV-resistant	46T	CAT7 single stock
					
FRNC		PVC		PUR	
4x2xAWG23/1		4x2xAWG26/7		4x2xAWG23/1	
Model		Model		Model	
Order Number		Order Number		Order Number	
EH4-OE-OE-48H/L0100		EH8-OE-OE-46F/L0100		EH8-OE-OE-46T/L0100	
EH4-OE-OE-48H/L0000		EH8-OE-OE-46F/L0000		EH8-OE-OE-46T/L0000	
Ethernet CAT6A, 10 Gbps 4x2xAWG23/1; S/FTP -20 °C ... 80 °C (Cable, fixed installation)		Ethernet CAT5 (IEC 11801: 2002), 100 Mbps 4x2xAWG26/7; SF/UTP -40 °C ... 80 °C (Cable, fixed installation)		Ethernet CAT7, 10Gbps 4x2xAWG23/1; SF/UTP -40 °C ... 80 °C (Cable, fixed installation) -20 °C ... 80 °C (Cable, movable installation)	
23 4x 2x 0.25 mm² Bare copper wire < 75 Ω/km		26 / 7x 0.16 mm 4x 2x 0.14 mm² Bare copper wire < 140 Ω/km		23 4x 2x 0.25 mm² Copper stranded wire ≤ 75 Ω/km	
PE 1.45 mm±0.05mm Two wires make a pair Four pairs of wire cores White/blue - blue, white/orange - orange White/green - green, white/brown - brown 8		PE 0.98mm±0.05mm Two wires make a pair Four pairs of wire cores White/blue - blue, white/orange - orange White/green - green, white/brown - brown 8		PE 0.96 mm Two wires make a pair Four pairs of wire cores White/blue - blue, white/orange - orange White/green - green, white/brown - brown 8	
Polyester film with aluminum coating, tin-plated copper shielding net 65 %		The shielding net is made of tin-plated copper wire 90%		Aluminum foil coated, tin-plated copper shielding mesh 70 %	
FRNC Water Blue RAL 5021 8 mm ±0.3 mm		Uv-resistant PVC (reinforced) black RAL 9005 0.8mm 6.9 mm +0.1mm/0.2mm		PUR Water Blue RAL 5021 1.05 mm 8.2mm ±0.2 mm	
> 5GΩ/km 30 V AC 2500 V DC 0 °C ... 50 °C -20 °C ... 80 °C In line with DIN EN 60811-2-1 100 Ω ±5 Ω (100 MHz) 60mm ≤ 80N 5.7 ns/m In line with IEC 60332-3C <56 nF/km 1079T (80°C/30 V) 30mm 100 m		≥ 5GΩ/km <140Ω/km 72 V DC 300V AC 2500 V DC (2S) 0°C ... 50 °C 0 °C ... 50 °C In line with DIN EN 60811-2-1 100 Ω ±5 Ω (100 MHz) 60mm 80N In line with VW-1 < 56 nF/km 2464 (80°C/300 V) 4 x D 100 m		≥ 500 MΩ/km ≤ 100.00 mΩ/m (10 MHz) ≤ 100 V 700 V (50Hz, 1min) -20 °C ... 80 °C -20 °C ... 80 °C In line with DIN EN 60811-2-1 Standard 100 Ω ±5 Ω (100 MHz) 8 x D ≤ 100N 5.3 ns/m In line with IEC 60332-1-2 47 kg/km 48 nF/km (1 kHz) In line with IEC 60754-1 20963 (80°C/30 V) 4 x D 100 m	