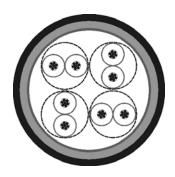
Industrial Ethernet





S-FTP ROBUSTFLEX



Type Cable structure

Inner conductor diameter:

Core insulation:

Core colours:

Stranding element:

Shielding 1: Shielding 2:

Screen 1 over stranding:

Screen 2 over stranding: Outer sheath material:

Cable external diameter:

Outer sheath colour:

HELUKAT 200

Industrial Patch Cables S-FTP 4x2xAWG 26/7 PUR

Copper, bare (AWG 26/7)

P0

whbu/bu, whog/og, whgn/gn, whbn/bn

Double core

Polyester foil over stranded bundle

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Polyester foil, aluminium-lined

Cu braid

approx. 5,7 mm

Grey similar to RAL 7035

Electrical data

Characteristic impedance: Mutual capacitance:

100 Ohm \pm 15 ohm at 1 to 100 MHz

47,0 nF/km nom.

Typical values

Frequency	(MHz)	10	16	62,5	100	200	
Attenuation	(dB/10m)	0,8	1,1	2,4	2,9	4,3	
Next	(db)	58,0	56,0	45,0	43,0	37,0	
ACR	(db)	57,2	54,9	42,6	40,1	32,7	

Technical data

Weight: approx. 44,00 kg/km

Min. bending radius for laying: 46,0 mm
Operating temperature range min.: -40°C
Operating temperature range max.: +80°C
Caloric load, approx. value: 0,54 MJ/m
Copper weight: 24,0 kg/km

Norms

Acc. to ISO/IEC 11801, Acc. to EN 50173, Acc. to EIA/TIA 568-A, Category 5e, Flame-retardant acc. to IEC 60332-1, Smoke density acc. to IEC 61034, Halogen-free acc. to 60754-2, Oil-resistant

Application

HELUKAT®200 industry data cables were designed for high requirements in the industry (industrial ethernet) and other heavy-duty environments. They are characterized by large performance reserves and outstanding performance. Mechanically they are also perfectly suited for rough industrial environments due to their halogen-free PUR outer sheath. These lines are manufacturable with all common RJ45 plugs (industry and office version), and also with some Sub-D and M12 plugs.

Part no. 800068, S-FTP 4x2xAWG 26/7 PUR

Dimensions and specifications may be changed without prior notice.





