



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:

Patch cables - machine construction

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
PUR
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	2,0	2,6	3,8
Next	(db)	60,0	58,0	50,0	45,0	40,0
ACR	(db)	59,2	56,9	48,0	42,4	36,2

Technical data

Weight: approx. 44,0 kg/km
Min. bending radius for laying: 46,0 mm
Operating temperature range min.: -20 °C
Operating temperature range max.: +60 °C
Caloric load, approx value: 0,54 MJ/m
Copper value: 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