RoHS

Type
Cable structure

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

Inner conductor diameter:	Copper, bare (AWG 26/7)
Core insulation:	PO
Core colours:	whbu/bu, whog/og, whgn/gn, whbn/bn
Stranding element:	Double core
Shielding 1:	Polyester foil over stranded bundle
Shielding 2:	-
Screen 1 over stranding:	Polyester foil, aluminium-lined
Screen 2 over stranding:	Cu braid
Outer sheath material:	PUR
Cable external diameter:	approx. 5,7 mm
Outer sheath colour:	Grey similar to RAL 7035

Electrical data

Characteristic impedance:	100 Ohm ± 15 ohm at 1 to 100 MHz
Mutual capacitance:	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.

HELUKAT®   HELUKABEL®   HELUCOM®