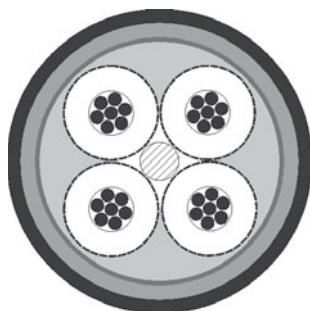


Industrial Ethernet

DRAG CHAIN

HELUKAT® 200S

S-FTP 4-Core, Category 5



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:

Drag Chain Patch Cables

S-FTP 4x1xAWG 24/19 PUR

Copper, bare (AWG 24/19)

PP

wh/bn, gn/ye

Quad

Polyester foil over stranded bundle

-

Polyester foil, aluminium-lined

Cu braid

PUR

approx. 6,2 mm ± 0,2 mm

Green similar to RAL 6026

Electrical data

Characteristic impedance:

Loop resistance:

Mutual capacitance:

100 Ohm ± 15 ohm at 1 to 100 MHz

156 Ohm/km max.

51 nF/km nom.

Typical values

Frequency	(MHz)	10	16	62,5	100
Attenuation	(dB/10m)	1,0	1,2	2,6	3,3
Next	(db)	47,0	44,0	35,0	32,0
ACR	(db)	46,0	42,8	32,4	28,7

Technical data

Weight:

Min. bending radius for laying:

Operating temperature range min.:

Operating temperature range max.:

Caloric load, approx. value:

Copper weight:

approx. 54 kg/km

80 mm

-25°C

+70°C

0,944 MJ/m

30,00 kg/km

Norms

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

Application

HELUKAT®200T industry data cables were designed for the most extreme requirements in the industry (industrial ethernet) and other heavy-duty environments. They are characterized by large performance reserves and outstanding performance, even under the most extreme conditions. In addition, the thought-out mechanical construction even ensures applications in drag chains with high packing density. These lines are manufacturable with conventional Sub-D plugs or with various RJ45 plugs.

Part no.

800088, S-FTP 4x1xAWG 24/19 PUR (SF/UTP)

Dimensions and specifications may be changed without prior notice.