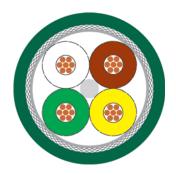
Industrial Ethernet

DRAG CHAIN





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:

Electrical data

Characteristic impedance: Loop resistance: Mutual capacitance: Relative propagation velocity:

Typical values



Drag Chain Patch Cables SF/UTP 4x1xAWG 24/19 (stranded) 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. $6.2 \text{ mm} \pm 0.2 \text{ mm}$ Green similar to RAL 6026

100 Ohm ± 15 ohm at 1 to 100 MHz

156 Ohm/km max.

51 nF/km nom.

67 %

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: bending radius, repeated: 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, SF/UTP 4x1xAWG 24/19 PUR (S-FTP)

Dimensions and specifications may be changed without prior notice.





