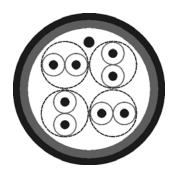
RoHS



Cable structure

Inner conductor diameter: Conductor material: Core insulation: Core colours: Shielding 1

Screen over stranding element: Screen 1 over stranding: Screen 2 over stranding: Outer sheath material:

Outer Ø

Outer sheath colour:

Electrical data

Characteristic impedance: Loop resistance: Mutual capacitance: Rel. propagation velocity:



FTP 4x2xAWG 24/1 PVC

0,51 mm Copper, bare PF

whbu/bu, whog/og, whgn/gn, whbn/bn Polyester foil over stranded bundle

Polyester foil, aluminium-lined

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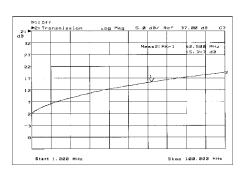
PVC

approx. 5,9 mm

Yellow similar to RAL 1021

100 Ohm ± 15 ohm at 1 to 100 MHz 170 Ohm/km max. 50,0 nF/km nom.

69 %

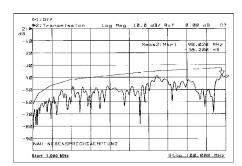


Typical values

Frequency	(MHz)	10	16	62,5	100	155	
Attenuation	(dB/100m)	5,9	7,6	15,7	20,3	22,0	
Next	(db)	59,0	53,0	44,0	40,0	40,0	
ACR	(dh)	53.1	45.4	28.3	19 7	18.0	

Technical data

Weight: 40,0 kg/km
Min. bending radius for laying: 48 mm
Operating temperature range min.: -20°C
Operating temperature range max.: +60°C
Caloric load, approx. value: 0,4 MJ/m
Copper weight: 18,0 kg/km



Norms

Acc. to ISO/IEC 11801, Acc. to EN 50173, Acc. to EIA/TIA 568-A, Category 5e

Application

HELUKAT®155 data cables are used in the tertiary, but also in the secondary level of a network. They are characterized by large performance reserves and outstanding performance. They can be used to implement services such as Fast Ethernet, Ethernet, ATM155, FDDI, token ring 4/16 Mbit/s, or ISDN absolutely trouble-free. Likewise, the mechanical characteristics are perfectly suited for the application in tight cable channels and platforms due to their optimized construction.

Part no.

80043, FTP 4x2xAWG24/1 PVC

Dimensions and specifications may be changed without prior notice.





