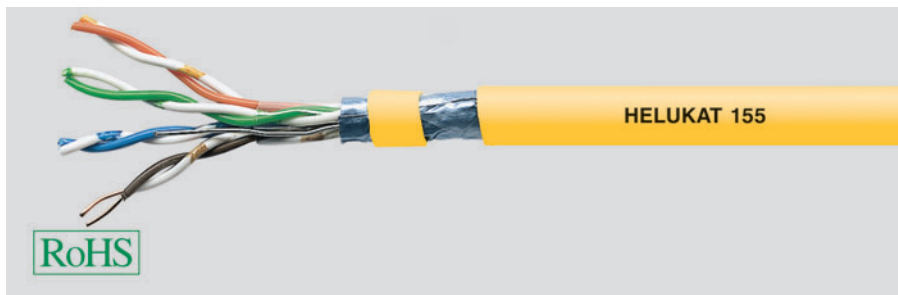
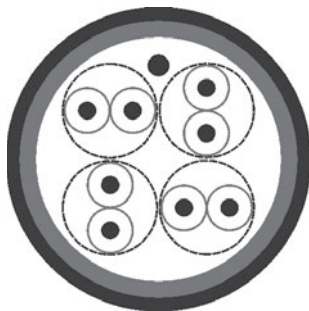


LAN Cable

Category 5e

HELUKAT® 155

FTP



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 diameter:

Outer sheath colour:

FTP 4x2xAWG 24/1 PVC

0,51 mm

Copper, bare

PE

whbu/bu, whog/og, whgn/gn, whbn/bn

Polyester foil over stranded bundle

-

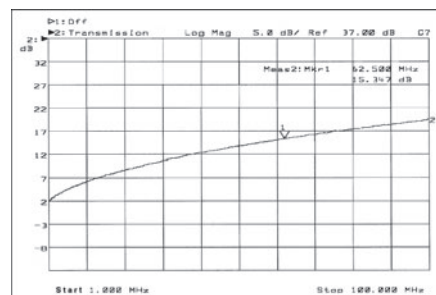
Polyester foil, aluminium-lined

-

PVC

approx. 5,9 mm

Yellow similar to RAL 1021



Electrical data

Characteristic impedance:

Loop resistance:

Mutual capacitance:

Rel. propagation velocity:

100 Ohm ± 15 ohm at 1 to 100 MHz

170 Ohm/km max.

50 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 (db)	53,1	45,4	28,3	19,7	18,0

Technical data

Weight:

Min. bending radius for laying:

Operating temperature range min.:

Operating temperature range max.:

Caloric load, approx. value:

Copper weight:

approx. 40 kg/km

48 mm

-20°C

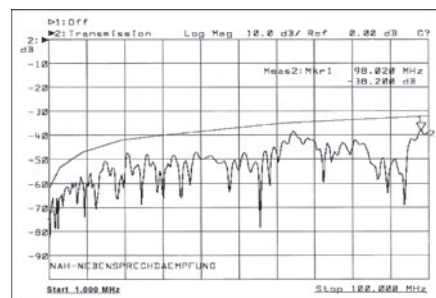
+60°C

0,40 MJ/m

18,00 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 (F/UTP)

Dimensions and specifications may be changed without prior notice.

R

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ethernet Cables / Networking Cables](#) category:

Click to view products by [Helukabel](#) manufacturer:

Other Similar products are found below :

[0152660053](#) [603020002](#) [73-7797-25](#) [73-8890-10](#) [73-8890-14](#) [73-8891-14](#) [73-8891-25](#) [73-8892-50](#) [73-8894-10](#) [73-8894-3](#) [73-8895-14](#) [73-8896-7](#) [MCJB2-10P6Q7-120](#) [84909-0204](#) [9QA0-111-12-3.00](#) [1200650742](#) [1200700174](#) [1200860368](#) [1200650013](#) [1201080008](#) [1-21919-1](#) [1300500373](#) [1300101844](#) [1300101845](#) [130050-0004](#) [1300500014](#) [1410147](#) [E16A06002M030](#) [E200102-009-S1](#) [MT14-187L](#) [17-103530](#) [NK5EPC18RDY](#) [NK5EPC18VLY](#) [NK5EPC18YLY](#) [NK5EPC1GRY](#) [NK5EPC30BLY](#) [NK5EPC30VLY](#) [NK5EPC30YLY](#) [NK5EPC4Y](#) [NK5EPC6YLY](#) [NK5EPC8BLY](#) [NK5EPC9YLY](#) [NK6PC30BUY](#) [NK6PC30GRY](#) [NK6PC30RDY](#) [NK6PC30Y](#) [NK6PC30YLY](#) [1969343-6](#) [C501100010](#) [C501106002](#)