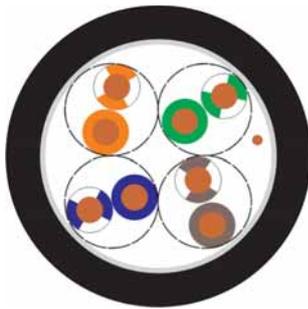


LAN-Cable, Outdoor

Category 5e

HELUKAT® 200A
F/UTP



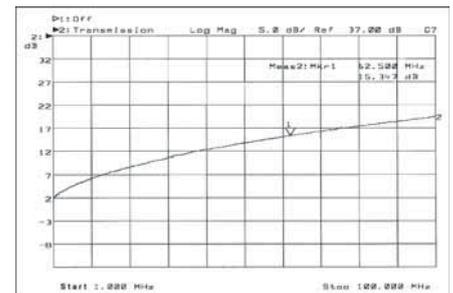
Cable structure

| | |
|--------------------------------|------------------------------------|
| Inner conductor Ø: | 0,55 mm |
| Conductor material: | Copper, bare |
| Core insulation: | PE |
| Core colours: | whbu/bu, whog/og, whgn/gn, whbn/bn |
| Separator: | - |
| Screen over stranding element: | Al-Foil |
| Screen 1 over stranding: | - |
| Screen 2 over stranding: | - |
| Drain wire: | yes |
| Outer sheath material: | PE |
| Outer diameter: | app. 8,0 mm |
| Outer sheath colour: | Black similar to RAL 9005 |

F/UTP 4x2xAWG 24/1 PE

Electrical data

| | |
|----------------------------|--|
| Characteristic impedance: | 100 Ohm ± 15 Ohm at 1 to 100 MHz 100 Ohm ± 20 Ohm at 101 to 200 MHz |
| Loop resistance: | 190 Ohm/km max. |
| Mutual capacitance: | 45 nF/km nom. |
| Rel. propagation velocity: | 67 % |



Typical values

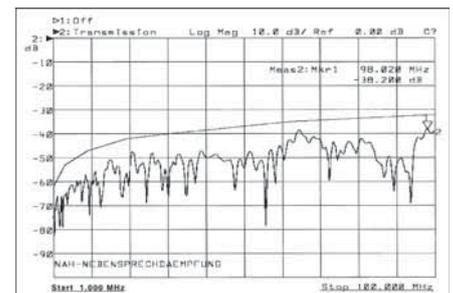
| Frequency (MHz) | 10 | 16 | 62,5 | 100 | 155 | 200 |
|-----------------------|------|------|------|------|------|------|
| Attenuation (db/100m) | 5,6 | 7,2 | 14,4 | 18,2 | 22,9 | 24,2 |
| Next (db) | 70,0 | 68,0 | 56,0 | 50,0 | 45,0 | 42,0 |
| ACR (db) | 64,4 | 60,8 | 41,6 | 31,8 | 22,1 | 17,8 |

Technical data

| | |
|-----------------------------------|----------------|
| Weight: | app. 100 kg/km |
| bending radius, repeated: | 65 mm |
| Operating temperature range min.: | -30°C |
| Operating temperature range max.: | +70°C |
| Copper weight: | 18,00 kg/km |

Norms

Acc. to ISO/IEC 11801, Acc. to EN 50173, Acc. to EIA/TIA 568-A, Category 5e, Halogen-free acc. to 60754-2



Application

HELUKAT® 200A outdoor data cables are used in the tertiary level of a network. They are characterized by large performance reserves and outstanding performance. They can be used to implement services such as Gigabit Ethernet, 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 ducts or along buildings due to their optimized construction.

Part no.

805572, F/UTP 4x2xAWG 24/1 PE (FTP)

Dimensions and specifications may be changed without prior notice.