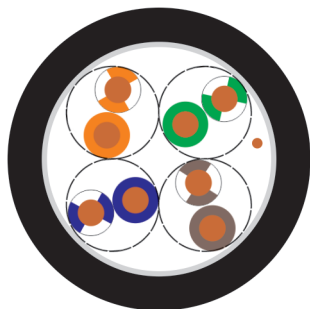


LAN-Cable, Outdoor

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.

