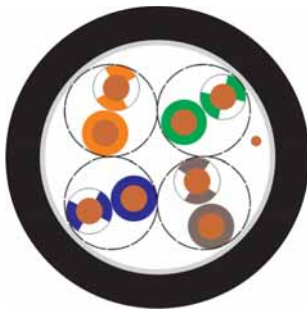


LAN-Cable, Outdoor

Category 5e

HELUKAT® 200A
F/UTP



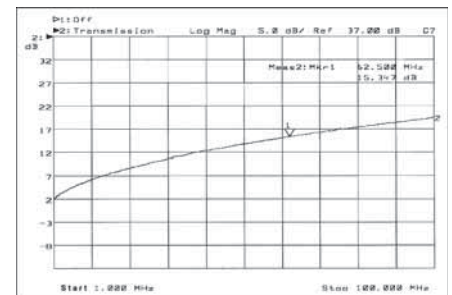
Cable structure

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

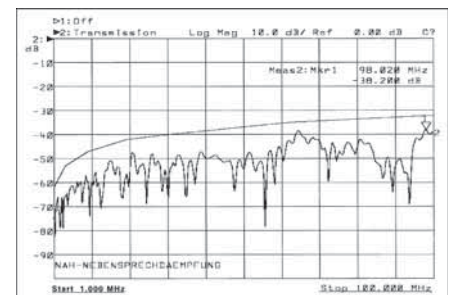
Frequency (MHz)	10	16	62,5	100	155	200
Attenuation (db/100m)	5,6	7,2	14,4	18,2	22,9	24,2
Next (db)	70,0	68,0	56,0	50,0	45,0	42,0
ACR (db)	64,4	60,8	41,6	31,8	22,1	17,8

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.