

FTP & UTP CABLE
CAT50 FTP



CAT60 UTP



NETWORK

OUTER DIAMETER

Ø 6,5 mm

APPLICATIONS

Strong cable with flexible outer jacket ideal for mobile application.

INNER CONDUCTOR



The Procab CAT50 cable is twisted pair cable complying with the CAT5e norm standardized by TIA/EIA-568-B. It contains four pairs of copper wire and is suitable for Fast Ethernet networks (100 Mbps) as well as Gigabit Ethernet networks (1000 Mbps). It supports frequencies of 100 Mhz and is suitable for 100BASE-T and 1000BASE-T networks. The maximum cable run length according to the standards is limited to 100 meter.

The CAT60 cable is a twisted pair cable complying to the CAT6 norm. Besides the four pairs of copper wire the CAT50 offers, the CAT60 cable has a plastic separator between the different pairs. This follows more stringent specifications for crosstalk and noise. Because of this, CAT60 cable supports frequencies up to 250 Mhz and is suitable for 100BASE-T, 1000BASE-T and 10GBASE-T (10 Gigabit) networks. The maximum cable run length according to the standards is limited to 100 meter. CAT50 cable is also available as Low Smoke Halogen Free Cable, see CAT50HF, p.62

Type of cable	CAT5E FTP Cable	CAT6 UTP Cable
Inner conductor	BC 7 x 0,2 mm	BC 19 x 0,12
Inner conductor section	0,22 mm ²	0,22 mm ²
Isolation	HDPE Ø 1,0 mm	HDPE Ø 0,95 mm
Isolation colour	Blue, Blue-White, Orange, Orange-White, Green, Green-White, Brown, Brown-White	Blue, Blue-White, Orange, Orange-White, Green, Green-White, Brown, Brown-White
Number of conductors	8	8
Conductor twisting	Yes	Yes
Outer jacket	Flexible PVC	Flexible PVC
Outer jacket colour	Black	Black
Outer jacket dimensions	Ø 6,5 mm	Ø 6,5 mm
Printing colour	White	White
Printing text	Procab CAT50	Procab CAT60
American Wire Gauge	24 AWG	24 AWG

MECHANICAL SPECIFICATIONS

		CAT50	CAT60
Temperature range	fixed installation	-40°C to +80°C	-40°C to +80°C
	flexible installation	-25°C to +70°C	-25°C to +70°C
Bending radius	fixed installation	8 x outer diameter	8 x outer diameter
	flexible installation	10 x outer diameter	10 x outer diameter

ATTENUATION SPECIFICATIONS

Attenuation (dB/100 m)	1 Mhz	5 Mhz	10 Mhz	25 Mhz	50 Mhz	75 Mhz	100 Mhz
CAT50	2,70	5,20	7,90	11,40	18,10	20,10	22,00
Attenuation (dB/100 m)	1 Mhz	5 Mhz	10 Mhz	50 Mhz	100 Mhz	200 Mhz	250 Mhz
CAT60	2,70	4,80	7,30	16,60	19,80	29,00	32,80



Available Lengths:
100 m plastic reel
300 m plastic reel

