

FTP CAT.6 LSZH

Category 6 shielded Twisted Pair F/UTP Installation cable

CAF6L

DESCRIPTION

Manufactured according to ISO / IEC 11801, ANSI/TIA 568 B.2, EN-50173

TECHNICAL SPECIFICATIONS

Conductor	Bare copper : 0.57±0.01 mm
Insulation	HDPE : 1.10±0.05 mm
Identification of pairs	
1 pair	Blue - White / Blue
2 pair	Orange - White / Orange
3 pair	Green - White / Green
4 pair	Brown - White / Brown
Filler	PE
Drain	Copper Clad Steel : 0.50±0.01 mm
Shield	Polyester Tape/AL Foil
Ripcord	Yes
Sheath	LSZH
Color	White
Bending radius	≥ 8 x Diameter (mm) Installation
Storage temperature	-15°C—+70°C

ELECTRICAL CHARACTERISTICS

n° Pairs.xΦmm	Conductor Resistance Ω/km	Resistance Unbalance	Cap. between cond. pair nF / 100m	Velocity of Propagation %	Impedance Ω	ΦExt. (Appvox) mm
4x2x0.57	max.73	max.4%	/	69	100±15	7.3±0.2

Frequency (MHz)	RL ≥dB	ATT ≤dB/100m	NEXT ≥dB	DELAY ≤ns/100m	PS NEXT ≥dB	EL FEXT ≥dB/100m	PS EL FEXT ≥dB/100m
4	23.0	3.8	66.3	552.0	63.3	56.0	53.0
8	24.5	5.3	61.8	547.0	58.8	49.9	46.9
10	25.0	6.0	60.3	545.0	57.3	48.0	45.0
16	25.0	7.6	57.2	543.0	54.2	43.9	40.9
20	25.0	8.5	55.8	542.0	52.8	42.0	39.0
25	24.3	9.5	54.3	541.0	51.3	40.0	37.0
31.25	23.6	10.7	52.9	540.0	49.9	38.1	35.1
62.5	21.5	15.4	48.4	539.0	45.4	32.1	29.1
100	20.1	19.8	45.3	538.0	42.3	28.0	25.0
200	18.0	29.0	40.8	537.0	37.8	22.0	19.0
250	17.3	32.8	39.3	536.0	36.3	20.0	17.0

Appliance

Cable for data transmission in structured cabling networks (LAN), horizontal and secondary facilities.

Packing

305m /box



All sizes and values without tolerances are reference values. We reserves the right to amend this specification without prior notice.
*Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.