

FTP CAT.5e PE (outdoor)

CAF5EX

Category 5E shielded Twisted Pair F/UTP Installation cable

DESCRIPTION

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

TECHNICAL SPECIFICATIONS

Conductor	Bare copper : 0.50±0.01mm
Insulation	HDPE : 1.0±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
Drain	Tinned Copper : 0.45±0.01 mm
Shield	Polyester Tape/AL Foil
Ripcord	Yes
Sheath	PE
Color	Black
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
4x2x0.50	max.95	max.4%	5.6	69	100±15	6.2±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
1	20.0	2.0	65.3	570.0	62.3	63.8	60.8
4	23.0	4.1	56.3	552.0	53.3	51.8	48.8
8	24.5	5.8	51.8	547.0	48.8	45.7	42.7
10	25.0	6.5	50.3	545.0	47.3	43.8	40.8
16	25.0	8.2	47.2	543.0	44.4	39.7	36.7
20	25.0	9.3	45.8	542.0	42.8	37.8	34.8
25	24.3	10.4	44.3	541.0	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.0	39.9	33.9	30.9
62.5	21.5	17.0	38.4	539.0	35.4	27.9	24.9
100	20.1	22.0	35.3	538.0	32.3	23.8	20.8

Appliance

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

Packing

305m /box

