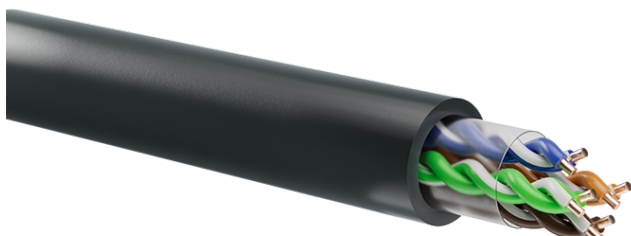


Cat.5E U/UTP PE Cable



View the product
on the website

CERTIFICATIONS



Fca

DETAILS

Key features

Data cable for telecommunications cat.5e, 4 twisted pairs 100 Ohm with red copper conductors 24 AWG section complete with polyolefin insulation suitable for the installation of structured cabling for analogue and digital transmission of voice and data signals in Class D. Available with PE sheath (suitable for outdoor installation).

TECHNICAL FEATURES

Characteristic	Value
Inner Conductor	Rigid red copper – AWG 24/1 (0.51 mm)
Insulation of single conductors	Polyolefin diameter 1.03 mm
Colors	Blue – White/Blue, Orange – White/Orange, Green – White/Green, Brown – White/Brown
Shielding	No Shielding
Outer Jacket	PE – Diameter: 5,0 mm – Black color (RAL 9005)
Weight of cable	42 kg/km
Applications	ETHERNET, TP-DDI, 1000BASE TX, 1000BASET, ATM(TP)
Connection System	EIA/TIA 568 A e B
Complies	RoHS 2002/95/EC
Impedance	100 + 15 (?)
Operating Temperature	-15 °C ÷ +70 °C
Unbalanced-to-ground Capacitance	49 pF/m
Temperature of Installation	-5 °C ÷ +50 °C
Max ring strength (at 20°C)	16.8 ?/100 m
Minimum bending radius	52 mm
Maximum tractive load	20 kg
Propagation Speed	0.68

TRANSMISSION CHARACTERISTICS

Frequency	RL	ATT.	Next	PHASE DELAY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	>= dB	<= dB	<= dB	<= dB	>= dB	>= dB	>= dB
1	20	2	65.3	570	62.3	63.8	60.8
4	23	4.1	56.3	552	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10	25	6.5	50.3	545.38	47.3	43.8	40.8
16	25	8.2	47.2	543	44.4	39.7	36.7
20	25	9.3	45.8	542.05	42.8	37.8	34.8
25	24.3	10.4	44.3	541.2	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17	38.4	538.55	35.4	27.9	24.9
100	20.1	22	35.3	537.6	32.3	23.8	20.8

CODE TABLE

Item Code	Description	Version	Shielding	Jacket	Ø Jacket	Packaging
RUE5.0500	4 pairs AWG 24/1	U/UTP	No Shielding	PE	5,0 mm	Reel 500 mt