



FABBRICA CAVI - ANTENNE - ACCESSORI TV

UTP 5E - ZH 4x2x24 AWG

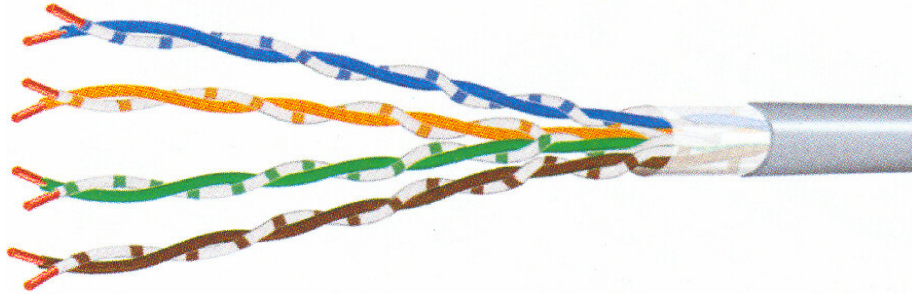
LAN CABLE CATEGORY 5 ENHANCED

ISO / IEC 11801-2, ISO / IEC 64156-5, EIA / TIA 568B, EN-50173

Class CPR

D_{ca}

CU 4 x (2 x ø 0,51 mm) PE 4 x (2 x ø 1,00 mm) LSZH ø 5,40 mm



A

B

C

MECHANICAL DATA

DIMENSIONS

A	Plain copper inners conductor	CU	4 x (2 x ø 0,51 mm)
B	Polyethylene insulations White/blue - blue White/orange - orange	PE White/green - green	4 x (2 x ø 1,00 ± 0,10 mm) White/brown - brown
C	Flame retardant non-corrosive thermoplastic free of halogens Sheath's colour : GREY - RAL 7001 Sheath's printing :	LSZH	ø 5,40 ± 0,30 mm

Temperature range -15 °C / +70 °C

Copper weight 14,4 Kg/Km
Cable weight 32,8 Kg/Km

ELECTRICAL PERFORMANCE

Characteristic impedance (1÷100 MHz) 100 ± 10 Ohm
Velocity ratio 69%
Mutual capacitance (800 Mhz) 48 pF/m
Cores resistance 95 Ohm/Km

FREQUENCY (MHz)	ATTENUATION (dB/100m.)	RL ≥ dB	NEXT dB
1	1,9	20,0	71,0
10	6,0	25,0	56,0
20	8,5	25,0	51,0
31,2	10,7	24,0	49,0
62,5	15,7	22,0	44,0
100	19,8	20,0	41,0
155,5	24,2	15,0	38,0
200	27,5	15,0	36,0
-	-	-	-
-	-	-	-
-	-	-	-

The producer reserves himself to make modification on the item without any notice.