



FABBRICA CAVI - ANTENNE - ACCESSORI TV



UTP 5E G4 4x2x24 AWG

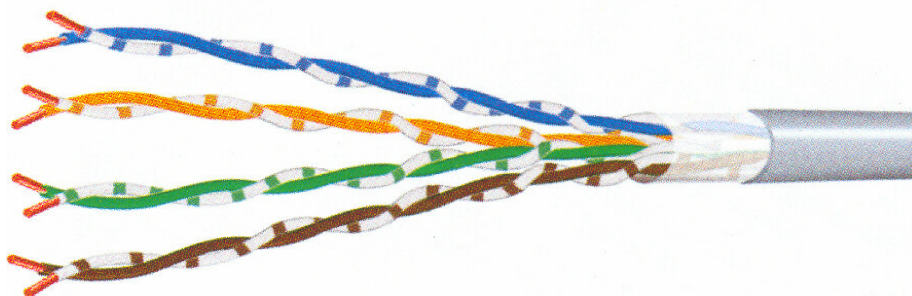
LAN CABLE CATEGORY 5 ENHANCED

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

Class CPR

F_{ca}

CU 4 x (2 x ø 0,51 mm) PE 4 x (2 x ø 1,00 mm) PLSF ø 5,20 mm PE ø 6,20 mm



A

B

C

D

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 White/green - green	PE	4 x (2 x ø 1,00 ± 0,10 mm) White/brown - brown
C	Low smoke and fume polyvinyl-chloride sheath Sheath's colour : WHITE	PLSF	ø 5,20 ± 0,30 mm
D	Carbon black polyethylene sheath Sheath's colour : BLACK	PE	ø 6,20 ± 0,30 mm

Temperature range -20 °C / +60 °C

Copper weight 14,4 Kg/Km
Cable weight 47,4 Kg/Km

ELECTRICAL PERFORMANCE

Characteristic impedance (1÷100 MHz)	100 ± 10 Ohm
Velocity ratio	69%
Mutual capacitance (800 Mhz)	48 pF/m
Cores resistance	145 Ohm/Km

FREQUENCY (MHz)	ATTENUATION (dB/100m.)	RL ≥ dB	NEXT dB
1	2,2	20,0	71,0
10	6,5	25,0	56,0
20	9,3	25,0	51,0
31,2	11,7	24,0	49,0
62,5	17,0	22,0	44,0
100	22,0	20,0	41,0
155,5	27,2	15,0	38,0
200	31,5	15,0	36,0
-	-	-	-
-	-	-	-
-	-	-	-

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