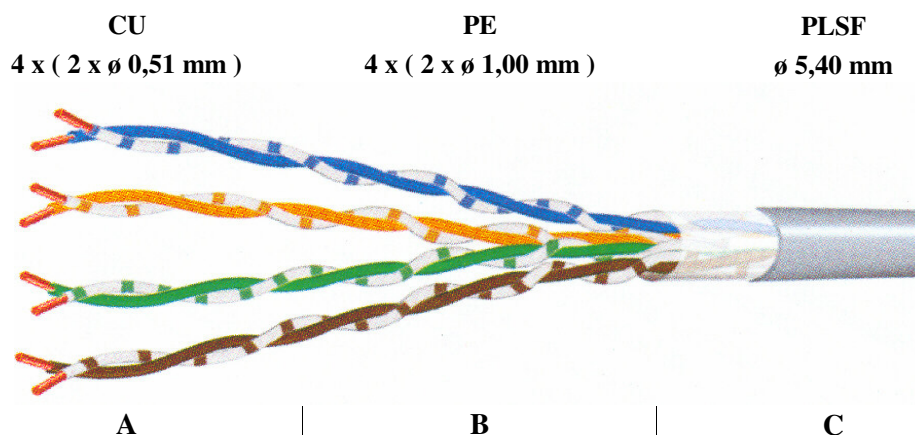




GENERAL TECHNICAL DATA :

UTP 5E 4x2x24AWG

LAN cable, category 5
Enhanced.
200 MHz tested.



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	Low smoke and fume polyvinyl-chloride sheath Sheath's colour : GREY - RAL 7001 Sheath's printing :	PLSF	ø 5,40 ± 0,30 mm
Temperature range		Copper weight	15,2 Kg/Km
		Cable weight	42,4 Kg/Km
		-25 °C / +80 °C	

ELECTRICAL PERFORMANCE

Characteristic impedance (1÷100 MHz)	100 ± 15 Ohm	Test voltage (60 sec.)	700 Vac
Max. DC loop (at 20°C)	16,8 Ohm/100m.	Max. operating voltage	125 V
Mutual capacitance(1 KHz)	49 pF/m	Operating temperature	-10°C / +70°C
Max. capacitance unbalanced (1 KHz)	100 pF/100m.		

FREQUENCY (MHz)	ATTENUATION		CROSSTALK (NEXT)		ACR (dB)
	MAX. ISO/IEC 11801 CATEGORY 5E (dB/100m.)	UTP	MIN. ISO/IEC 11801 CATEGORY 5E (dB)	UTP	

0,772	1,9	1,6	67,0	77,0	75,4
1	2,1	1,8	65,3	76,0	74,2
4	4,0	3,7	56,3	66,0	62,3
10	6,3	5,9	50,3	58,0	52,1
16	8,0	7,6	47,3	56,0	48,4
20	9,0	8,5	45,8	54,0	45,5
31,25	11,4	10,8	42,9	51,0	40,2
62,5	16,5	15,6	38,4	47,0	31,4
100	21,3	19,9	35,3	44,0	24,1
155,52	-	25,4	-	41,0	15,6
200	-	29,0	-	39,0	10,0

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

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