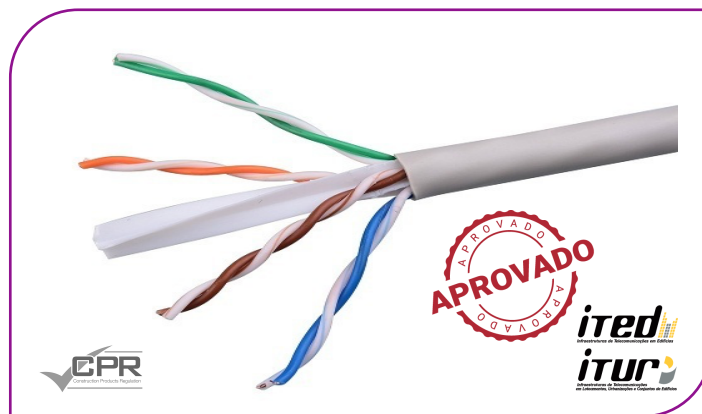


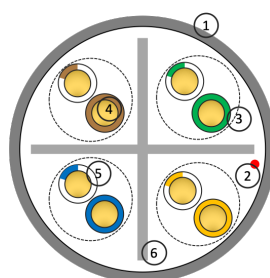
CAT6 U/UTP DATA CABLE COPPER LSZH AWG23

CAT6 U/UTP LAN data cable designed for transmission of high speed data, for indoor use.

Supports Gigabit Ethernet and bands up to 250MHz.



- 1 LSZH Jacket
- 2 Ripcord
- 3 Colored protection
- 4 Solid Copper conductor
- 5 White+Color protection
- 6 Central separator



Technical Characteristics

Conductors	Material	Solid Copper
	Diameter (mm)	0,574 ± 0,005
Insulation	Material	PEHD
	Diameter (mm)	1,03 ± 0,05
Jacket	Thickness (mm)	0,55 ± 0,05
	Diameter (mm)	6,4 ± 0,4
	Material	LSZH - CPR Class Dca
	Color	Grey

Electrical Characteristics (@20°C)

1-250MHz - Impedance (Ohm)	100 ± 15
1-250MHz - Delay shew (ns/100m)	≤ 45
DC Resistance (Ohm/100m)	≤ 9,38
Unbalance Conductor Resistance (%)	≤ 5
Propagation Velocity (%) - NVP	69

Technical Performance

Frequency	Return Loss	Attenuation	NEXT	PSNEXT	ELFEXT	PSELFEXT	PHASE DELAY
(MHz)	≥ dB	≤ dB	≥ dB	≥ dB	≥ dB	≥ dB	≤ ns
1	20,0	2,03	74,3	72,3	67,8	64,8	570
4	23,0	3,78	65,3	63,3	55,8	52,8	552
8	24,5	5,32	60,8	58,8	49,7	46,7	546,73
10	25,0	6,95	59,3	57,3	47,8	44,8	545,4
16	25,0	7,55	56,2	54,2	43,7	40,7	543
20	25,0	8,47	54,8	52,8	41,8	38,8	542,1
25	24,3	9,51	53,3	51,3	39,8	36,8	541,2
31,25	23,6	10,67	52,0	49,9	37,9	34,9	540,44
62,5	21,5	15,38	47,4	45,4	31,9	28,9	538,6
100	20,1	19,8	44,3	42,3	27,8	24,8	537,6
200	18,0	28,98	39,8	37,8	21,8	18,8	536,54
250	17,3	32,85	38,3	36,3	19,8	16,8	536,3

Cable Marking

GW Category 6 U-UTP LSZH cable 4 pair AWG 23 - Dca-s2,d2,a1-DoP ID TJLC1904 CE 001mt (MM/YYYY)

Logistic Information

Part Number	Packing	Dimensions (cm)	Net weight	Gross Weight	Boxes/palet	Qty / Box
		(W x L x D)	(Kg)	(Kg)	(Europalette)	(m)
B02023329003	Cardboard Box	40 x 40 x 22	8,5	9,5	30	305

Certifications and Standards

According to TIA / EIA / ISO / IEC



End of Technical Datasheet
Doc. Técnico.V1