



QP - 66504PE

Category 6, UTP Solid Cable, 23 AWG

UTP Solid Cable
305 meters reel

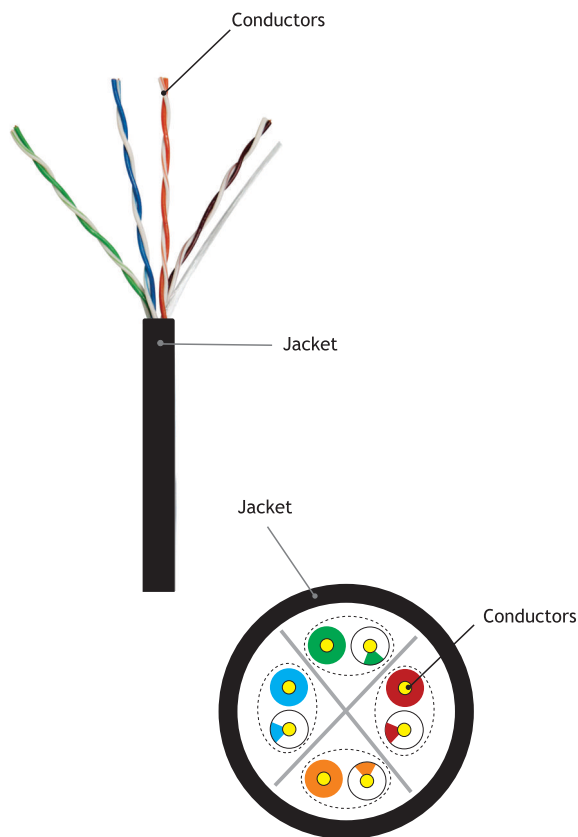
Description

EXTERNAL USE

Extended frequency to 250MHz
4x 23 AWG – UTP PE Cable
Backward-compatibility with all
CAT.5, CAT.5E and CAT.6 Products
and application
Guarantee full-duplex and crosstalk
values
RoHS compliant
Solid bare copper conductors
insulated with polyolefin

Specifications

Cable type	4 pairs UTP
Conductor AWG Stranded	23 AWG
Diameter	0.55 ± 0.01mm
Insulation Type	PE 0.973 ± 0.05mm
Jacket Type	PE 6.1 ± 0.3mm
Packing m	305/500/1000m
Jacket available	PE
Color	Black
Characteristic Impedance	(1-100MHz): 100 ± 15 %Ohm (100-250MHz): 100 ± 22 %Ohm
Pair-to-ground capacitances unbalance (pF/km) Max.	1600
Propagation Delay (ns/100m) Max.	534 + 36 / vf
Conductor resistance	9.5





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Features

Standards

International: IEC 61156-5 edit. 2.0

North American: ANSI/TIA/EIA-568-B.2-1 Cat.6

Ⓛ Listed E222843 verified

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Technical Data

IEC 61156-5 ed2.0 Category 6 horizontal cable parameters							
Freq. (MHz)	Ins. Loss (dB/100m)	RL (dB)	Pair to Pair		Power Sum		Po. Delay (n/s 100)
			NEXT	ELFLEX	NEXT	ELFLEX	
			(dB/100)		(dB/100)		
	Máx.	Mín.	Mín.	Mín.	Mín.	Mín.	Máx.
1	2.1	20	75.0	68.0	72.3	65.0	570.0
4	3.8	23	66.3	56.0	63.3	53.0	552.0
10	6.0	25	60.3	48.0	57.3	45.0	545.4
16	7.6	25	57.2	43.9	54.2	40.9	543.0
20	8.5	25	55.8	42.0	52.8	39.0	542.0
31.25	10.7	23.6	52.9	38.1	49.9	35.1	540.4
62.5	15.05	21.5	48.4	32.1	45.4	29.1	538.6
100	19.9	20.1	45.3	28.0	42.3	25.0	537.6
200	29.1	18	40.8	22.0	37.8	19.0	536.5
250	33.0	17.3	39.3	20.0	36.3	17.0	536.3