



QP - 65504PE

Category 5E, UTP Solid Cable, 24 AWG

UTP Solid Cable
305 meters REEL

Description

EXTERNAL USE

Extended frequency to 100MHz

4x 24 AWG – UTP PE Cable

Backward-compatibility with all CAT.5
Products and application

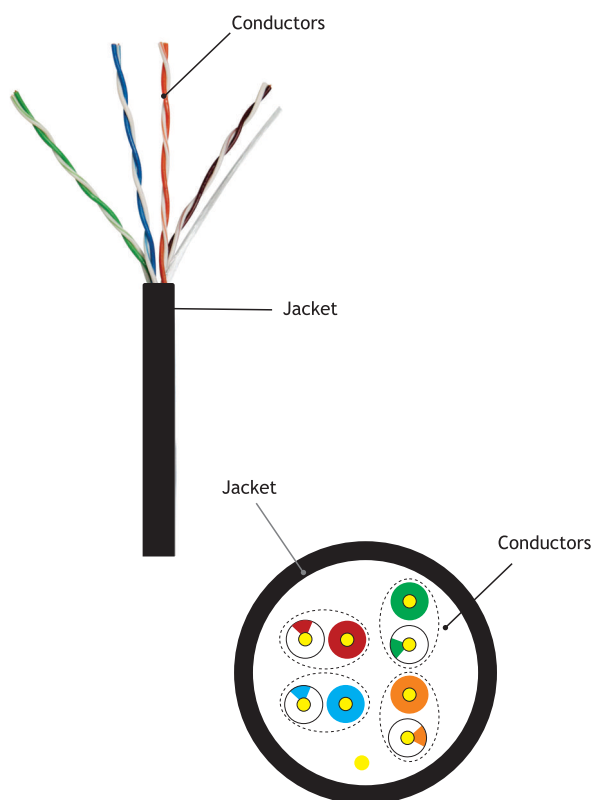
Guarantee full-duplex and crosstalk
values

RoHS compliant

Solid bare copper

Specifications

Cable type	4 pairs UTP
Conductor AWG Stranded	24 AWGBC
Diameter	0.49 ± 0.01mm
Insulation Type	0.86 ± 0.05mm
Jacket Type	PE 5.0 ± 0.3mm
Packing m	Rb305
Jacket available	PE
Color	Black
Electrical Performance	100 meters Cable Data
Characteristic Impedance	(1-100MHz): 100 ± 15 %?
Pair-to-ground capacitances unbalance (pF/km) Max.	1600
Propagation Delay (ns/100m) Max.	534 + 36 / vf
Conductor resistance (? /100m @ 20%) Max.	9.5





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Features

Standards

International: IEC 61156-5 edit 2.0

North American: ANSI/TIA/EIA-568-B.2 Cat. 5E

Certification: Delta EC, ETL

UL Listed E222843 verified

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Technical Data

IEC 61156-5 ed2.0 Category 5e 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	20.0	65.3	64.0	62.3	61.0	570.0
4	4.1	23.0	56.3	52.0	53.3	49.0	552.0
10	6.5	25.0	50.3	44.0	47.3	41.0	545.4
16	8.3	25.0	47.2	39.9	44.2	36.9	543.0
20	9.3	25.0	45.8	38.0	42.8	35.0	542.0
31.25	11.7	23.6	42.9	34.1	39.9	31.1	540.4
62.5	17.0	21.5	38.4	28.1	35.4	25.1	538.6
100	22.0	20.1	35.3	24.0	32.3	21.0	537.6