



Hangzhou Risingsun Cable Co., Ltd

F/UTP 4Pairs cable- Category 5E-PE

Description	FTP CAT5e 4P-PE	
Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019	
Carton Dimension	----	
Cable Packing	Wooden Tray & Carton	

Construction

Conductor	Solid-Bare Copper	Insulation colors	Blue,White/Blue	Rip Cord	yes
Conductor Dia.	0.50mm±0.005		Orange,White/Orange	Inner Jacket	PVC
Insulation	HDPE		Green,White/Green	Inner Jacket Color	Gray
Insulation Dia.	1.0mm±0.03		Brown,White/Brown	Inner Jacket Dia.	6.20mm±0.4mm
Drain wire	0.40mmTC/CCA	Shielded	AL Foil	Average Thickness	0.55±0.05mm
Outer Jacket	PE	Outer Jacket Color	Black	OuterJacket Dia.	7.40mm±0.4mm

Electrical Characteristics

Frequency(MHz)	ATT (≤dB/100m)	NEXT (≥dB)	ELFEXT (≥dB)	RL (≥dB)	PS NEXT (≥dB)
1	2.0	65.3	63.8	20.0	62.3
4	4.1	56.3	51.7	23.0	53.3
8	5.8	51.8	45.7	24.5	48.8
10	6.5	50.3	43.8	25.0	47.3
16	8.2	47.3	39.7	25.0	44.3
20	9.3	45.8	37.7	25.0	42.8
25	10.4	44.3	35.8	24.3	41.3
31.25	11.7	42.9	33.9	23.6	39.9
62.5	17.0	38.4	27.8	21.5	35.4
100	22.0	35.3	23.8	20.1	32.3

Impedance(1to100MHz)	100±15 Ohm	DC Resistance 20°C(Ω/100m)	9.5
Capacitance (nf/100m)max	5.6	DC Conductor Resistance Unbalance	5.0
Capacitance unbalance(pf/100m)max	330	Insulation Resistance(MΩ/100M)max	500

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