

Cat5e Networking Cable

pro-POWER

RoHS
Compliant

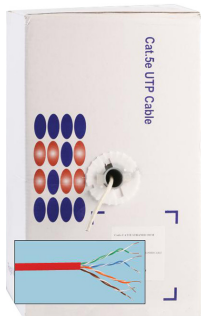
Specifications

Designed of cable

Inner Conductor	: Single Bare Copper $\varnothing 0.49 \pm 0.005\text{mm}$
Insulation	: HDPE
Size of Insulation	: $\varnothing 0.9 \pm 0.05\text{mm}$
Core Colour	: WH-BU /BU WH-OG/OG WH-GN /GN WH-BN /BN
Jacket	: PVC
Jacket Size	: $\varnothing 5 \pm 0.2\text{mm}$
Wall Thickness	: $\approx 0.5\text{mm}$

Electric data at 20°C

Conductor Resistance	: $\leq 96\Omega/\text{KM}$
Insulation Resistance	: $\geq 5000\text{M}\Omega \cdot \text{KM}$
Testing Voltage	: Wire/Wire 50Hz 1min=1.5K
Temperature Range	: -10°C to $+60^\circ\text{C}$



Electric data

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
Mhz	Ω	$\geq \text{dB}/100\text{M}$	$\leq \text{dB}/100\text{M}$	$\leq \text{dB}/100\text{M}$	$\leq \text{dB}/100\text{M}$	$\leq \text{dB}/100\text{M}$	$\leq \text{dB}/100\text{M}$	$\leq \text{ns}/100\text{M}$	
1	100±15	20	2.04	65.3	63.8	62.3	60.8	≤45	66%
4		23	4.1	56.3	51.7	53.3	48.7		
10		25	6.5	50.3	43.8	47.3	40.8		
16		25	8.2	47.3	39.7	44.3	36.7		
20		25	9.3	44.5	37.7	42.8	34.7		
31.25		23.6	11.6	42.9	33.9	39.9	30.9		
62.5		21.5	17	38.4	27.8	35.4	24.8		
100		20.1	22	35.3	23.8	32.3	20.8		

Part Number Table

Description	Part Number
Networking Cable, Unscreened, Cat5e, 100m	PP7110

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