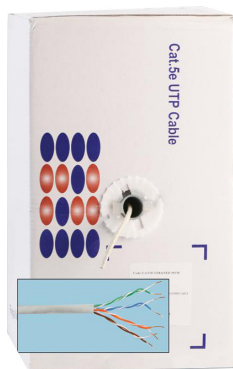


**RoHS  
Compliant**

## Specifications

### Designed of cable



Inner Conductor	: Stranded bare copper 7/0.2 ±0.004mm
Insulation	: HDPE
Size of Insulation	: Ø1 ±0.05mm
Core Colour	: WH-BU /BU      WH-OG/OG WH-GN /GN      WH-BN /BN
Jacket	: PVC
Jacket Colour	: Light Grey RAL7032
Jacket Size	: Ø5.2 ±0.2mm
Wall Thickness	: ≈0.5mm
Jacket Printing	: System Cable UTP CAT5E 4 Pairs 24AWG Stranded TIA/EIA568 100MHz meter marking

### Electric data at 20°C

Conductor Resistance	: ≤96Ω/KM
Insulation Resistance	: ≥5000MΩ*KM
Testing Voltage	: 50Hz 1Min wire/wire 50Hz 1min=1.5KV
Temperature Range	: -10°C to +60°C

## Electric data

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
Mhz	Ω	≥dB/100M	≤dB/100M	≤dB/100M	≤dB/100M	≤dB/100M	≤dB/100M	≤ns/100M	
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, 305m	PP7091

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