



**RoHS  
Compliant**

## Description

UL 444 & CSA-C22.2 No.214: Type CM, AWG24 x 4P TIA/EIA-568-B.2: Patch Cable (Stranded Conductor)

## Specifications

Conductor: Stranded Copper (7×AWG32)

Insulation: HDPE (CMI-75E)

Min. Avg. Thickness: 0.178mm

Min. Thickness: 0.153mm

Colour Code

Pair 1: Blue & White/Blue

Pair 2: Orange & White/Orange

Pair 3: Green & White/Green;

Pair 4: Brown & White/Brown

Jacket: 75°C PVC compound

Min. Avg. Thickness: 0.585mm

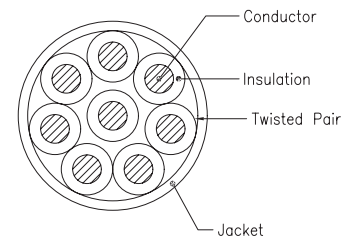
Min. Thickness: 0.458mm

Approximate OD: 5.8mm ±0.2mm

Electric Requirements: (Cable length: 100M)

Characteristic Impedance( $Z_0$ ): 85~115Ω (1~100 MHz)

Other Requirements: (dB/100M)



Frequency MHz	Att. Stranded	Pr-Pr Next	PS Next	Prop. Delay	Delay Skew ns	Return Loss	Pr-Pr ELFEXT	PS ELFEXT
1	2.4	65.3	62.3	538.5	45	20	63.8	60.8
10	7.8	50.3	47.3	545		25	43.8	40.8
16	9.9	47.3	44.4	539.9		25	39.7	36.7
20	11.1	45.8	42.8	540.2		25	37.7	34.7
25	12.5	44.4	41.3	540.8		24.2	35.8	32.8
31.25	14.1	42.9	39.9	541.4		23.3	33.9	30.9
62.5	20.4	38.4	35.4	542.5		20.7	27.8	24.8
100	26.4	35.3	32.3	543		19	23.8	20.8

## Part Number Table

Description	Part Number
Networking Cable, Patch Cord, Unshielded, Cat5, 24 AWG, 500ft	SPC19843

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