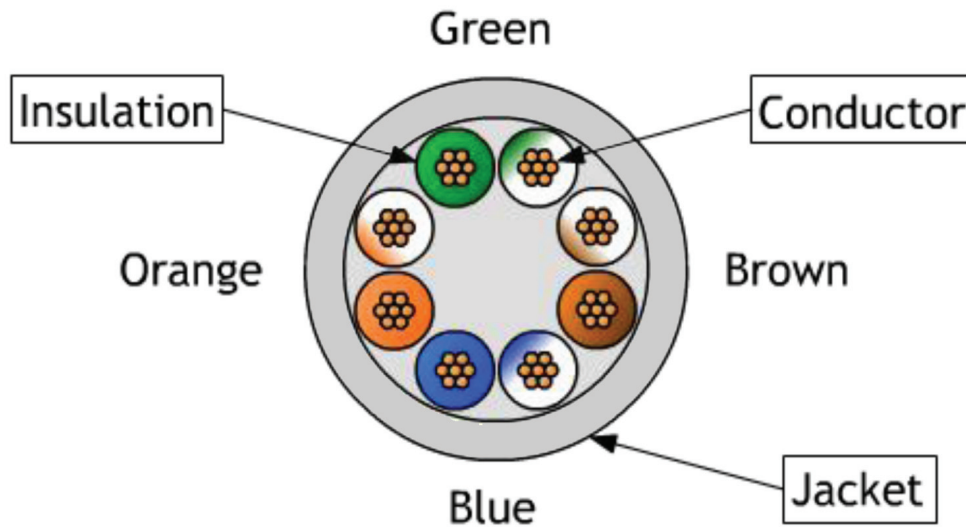


TIA/EIA-568-B.2-1: Patch Cable (Stranded Conductor), 24 AWG x 4P

- 1. Conductor:** Stranded Bare Copper (7 x 32 AWG)
- 2. Insulation :** HDPE (CMI-75E)
Nominal Wall Thickness: 0.178mm
Min. Thickness: 0.153mm
- 3. Color Code:** Pair 1: Blue & White/Blue
Pair 2: Orange & White/Orange
Pair 3: Green & White/Green Pair
4: Brown & White/Brown
- 4. Jacket (Grey):** 75°C LSZH Compound
Nominal Wall Thickness: 0.585mm
Min. Thickness: 0.458mm
Overall Diameter: 5.8mm ± 0.3mm
- 5. Electric Requirements:** (Cable length: 100m)
Characteristic Impedance(Z_0): 85~115Ω (1~250 MHz)
DC. Resistance Capacitance Unbalance: 5%
Pair-to-Ground Capacitance Unbalance: 330 pF/100m Max.
Conductor Resistance: 14.00Ω/100m 20° Max.
Mutual Capacitance: 5.6nF/m Max.
Spark Test: 2.5kV
Nominal Velocity of Propagation (NVP): 69%

RoHS Compliant



Frequency MHz	Att. Stranded	Pr-Pr NEXT	PS NEXT	Prop. Delay ns	Delay Skew ns	Return Loss	Pr-Pr ELFEXT	PS ELFEXT
1	2.4	74.3	72.3	538.5	45	20.0	67.8	64.8
10	7.1	59.3	57.3	545.0	45	25.0	47.8	44.8
20	10.2	54.8	52.8	539.9	45	25.0	41.8	38.8
31.25	12.8	51.9	49.9	540.2	45	23.3	37.9	34.9
62.5	18.5	47.4	45.4	540.8	45	20.7	31.9	28.9
100	23.8	44.3	42.3	541.4	45	19.0	27.8	24.8
200	34.8	39.8	37.8	542.5	45	16.4	21.8	18.8
250	39.4	38.3	36.3	543.0	45	15.6	19.8	16.8