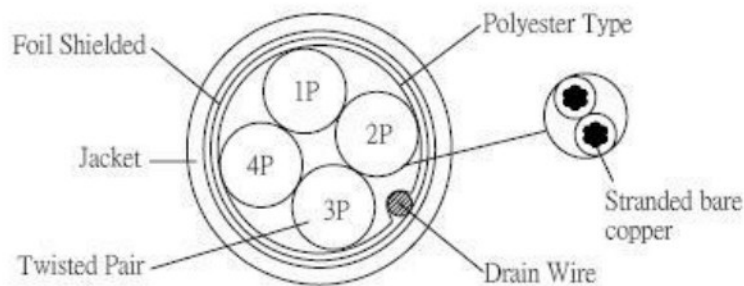


CATEGORY 5E FTP PATCH CABLE 4 PAIR



Construction

Twisted Pairs Color Code :

1. PAIR 1: Orange; White/Orange
2. PAIR 2: Blue; White/Blue
3. PAIR 3: Brown; White/Brown
4. PAIR 4: Green; White/Green

Component

1. Conductor: AWG 26 (Solid copper wire 0.16 × 7)
2. Insulators: HDPE (Min. Thickness 0.153; Min. Avg. thickness 0.178)
3. Insulators Diameter: 0.90 ± 0.020
4. Mylar Tape: 20 × 0.020 ± 0.002
5. Al-Mylar Tape: 20 × 0.038 ± 0.002
6. Jacket: 75°C PVC (Min. Thickness 0.46; Min. Avg. thickness 0.58)
7. Jacket Diameter: 5.8 ± 0.3

Marking

Jyh Eng FTP PATCH CABLE 26AWG 4PR 75°C (UL) E178558 CM rated
ISO/IEC11801& EN50173 CAT.5E xxxxxx-x

or customization

Physical Characters

Unaged:

1. Tensile strength: Polyolefin 2400PSI, Jacket (PVC) 2000PSI
2. Elongation: Polyolefin 300% min. Jacket (PVC) 100% min.

After Aging:

1. Tensile strength: Polyolefin 75%min. Jacket (PVC) 85% min.
2. Elongation: Polyolefin 75%min. Jacket (PVC) 50% min.

Electric Characters

1. Voltage rating: 30V
2. Temperature rating: 75 Degree Celsius
3. Spark test: DC 2.5 KV / 0.15 Sec. or AC 1.75KV / 0.15 Sec.
4. Dielectric strength: DC 2.5 KV / 0.15 Sec. or AC1.75 KV / 0.15 Sec.
5. Insulating resistance: 143 Ohms/km max.
6. Mutual Capacitance: 5.6 nF/100M max.
7. D-C Resistance Unbalance: 5% max.
8. Characteristic Impedance : 100±15 Ohms

FREQ MHz	Attenuation (dB/100m)	NEXT (dB)	VOP %	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB/100m)	RL (dB)	DELAY (ns/100m)
1	2.88	65.3	63.0	62.3	62.4	62.42	20.0	570.0
4	5.88	56.3	51.0	53.3	50.4	50.42	23.0	552.0
8	8.28	51.8	45.0	48.8	43.5	43.52	24.5	546.7
10	9.36	50.3	43.0	47.3	40.9	40.94	25.0	545.4
16	11.88	47.3	38.0	44.4	35.3	35.32	25.0	543.0
20	13.32	45.8	35.0	42.8	32.5	32.48	25.0	542.0
25	15	44.3	32.0	41.3	29.3	29.30	24.2	541.2
31.25	16.92	42.9	29.0	39.9	26.0	25.98	23.3	540.4
62.50	24.48	38.4	18.0	35.4	13.9	13.92	20.7	538.6
100	31.68	35.3	9.0	32.3	3.8	3.82	19.0	538.0