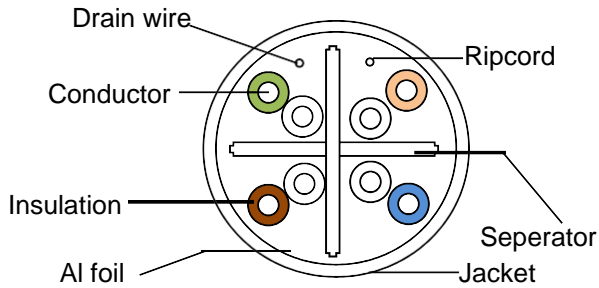


CAT6 FTP, OUTDOOR JACKET(UV)



SPECIFICATIONS

- 4 Pair Shielded Twisted Pair (FTP) Cable
- Conductor material: Solid Bare Copper
- Conductor Diameter: 0.570mm Nominal
- Insulation Material: HD-PE
- Insulation Diameter: 1.13 ± 0.05 mm Nominal
- Drian Wire: 24AWG
- PE Central Cross separator
- Jacket Material: UV PE Outer Sheath
- Cable Diameter: 7.2 ± 0.02 mm Nominal
- Color Code:Black

FEATURES

- High-Performance Data Cable
- 550Mhz Bandwidth For Data Application
- Category-6 Shielded Twisted Pair
- Easily Identified Color-Striped Pairs
- Exceeds TIA/EIA-568-B.2-1, TIA/EIA 568-C and ISO/IEC 11801
- Suitable for 10BASE-T, 100BASE-TX Fast Ethernet and 1000BASE-T 1000BASE-TX (Gigabit Ethernet)
- Outdoor UV Rated Resistance Jacket
- Water-Proof
- 1000ft wooden spool

Certification

Standards by UL,RoHs,CE,ISO

TECHNICAL DETAILS

- Mutual Capacitance: 5.6nF/100m nominal
- Characteristic Impedance: 100 $\pm 15\%$
- Nominal Velocity of Propagation: 69%
- Characteristic Impedance: 100 ± 15
- Conductor Resistance: < 9.38 /100m
- Mutual Capacitance: < 5.6nF/100m
- Resistance Unbalance: 5% Max
- Capacitance Unbalance: 330pF/100m
- Delay Skew: < 45nS
- Bending Radius: < 4 X Cable Diameter at $-20^{\circ}\text{C} \pm 1^{\circ}\text{C}$
- Pulling Force: 11.5Kg
- Temperature Range: -20° to $+75^{\circ}\text{C}$

TRANSMISSION CHARACTERISTICS PER 100M

Frequency (MHz)	Insertion Loss (dB/100 m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	ACR (dB)	PSACR (dB)
1	2.0	20.0	74.3	72.3	67.8	64.8	72.3	70.3
4	3.8	23.0	65.3	63.3	55.8	52.8	61.5	59.5
8	5.3	24.5	60.8	58.8	49.7	46.7	55.5	53.5
10	6.0	25.0	59.3	57.3	47.8	44.8	53.3	51.3
16	7.6	25.0	56.2	54.2	43.7	40.7	48.6	46.6
20	8.5	25.0	54.8	52.8	41.8	38.8	46.3	44.3
25	9.5	24.3	53.3	51.3	39.8	36.8	43.8	41.8
31.25	10.7	23.6	51.9	49.9	37.9	34.9	41.2	39.2
62.5	15.4	21.5	47.4	45.4	31.9	28.9	32.0	30.0
100	19.8	20.1	44.3	42.3	27.8	24.8	24.5	22.5
200	29.0	18.0	39.8	37.8	21.8	18.8	10.8	8.8
250	32.8	17.3	38.3	36.3	19.8	16.8	5.5	3.5
350	39.8	16.3	36.1	34.1	16.9	13.9	-1.8	-3.8
400	43.0	15.9	35.3	33.7	15.7	12.7	-5.7	-7.7
450	46.3	15.5	34.5	32.5	14.7	11.7	-9.5	-11.5
500	48.9	15.2	33.8	31.8	13.8	10.8	-13.1	-15.1
550	51.8	14.9	33.2	31.2	12.9	9.9	-16.4	-18.4