



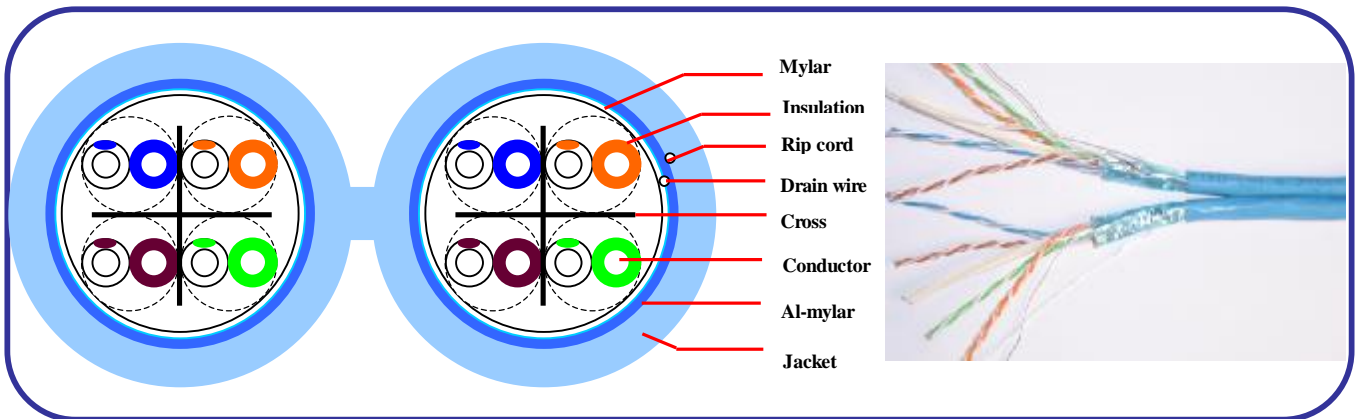
FTP CAT6 2×4P

Ø Type & Specification

Standard: UL444 TIA/EIA-568B IEC61156-5 ISO/IEC11801

Type	Conductor AWG	Insulation	Jacket	Rated Temperature
FTP CAT6	23	HDPE	PVC (CM、CMR) LSOH	75°C

Ø Product Structure



Ø Characteristics

Conductor resistance, maximum,	Ω/km (20°C)	66
DC Resistance Imbalance(maximum)	%	2.5
Dielectric strength (DC test voltage for 1 min,)	DC (V)	1000
Insulation resistance, minimum,	M $\Omega \cdot \text{km}$	5000

Ø Transmission Characteristics

Frequency	RL	IL	NEXT	PSNEXT	ELFEXT	PSELFEXT	ZO	DELAY
MHZ	$\geq \text{dB}$	$\leq \text{dB}$	$\geq \text{dB}$	$\geq \text{dB}$	$\geq \text{dB}$	$\geq \text{dB}$	Ω	$\leq \text{ns}/100\text{m}$
1.0	20.0	2.1	74.3	72.3	62.3	65.0	100±15	570.0
4.0	23.0	3.8	65.3	63.3	53.3	53.0	100±15	552.0
10.0	25.0	6.0	59.3	57.3	47.3	45.0	100±15	545.4
16.0	25.0	7.6	56.2	54.2	44.3	40.9	100±15	543.0
25.0	24.3	9.6	53.3	51.3	41.3	37.0	100±15	541.2
62.5	23.6	15.5	47.4	45.4	35.4	29.1	100±15	538.6
100.0	20.1	19.9	44.3	42.3	32.3	25.0	100±15	537.6
200.0	18.0	29.1	39.8	37.8	27.8	19.0	100±15	536.5

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250.0	17.3	33	38.3	36.3	26.3	17.0	100±15	536.3
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