



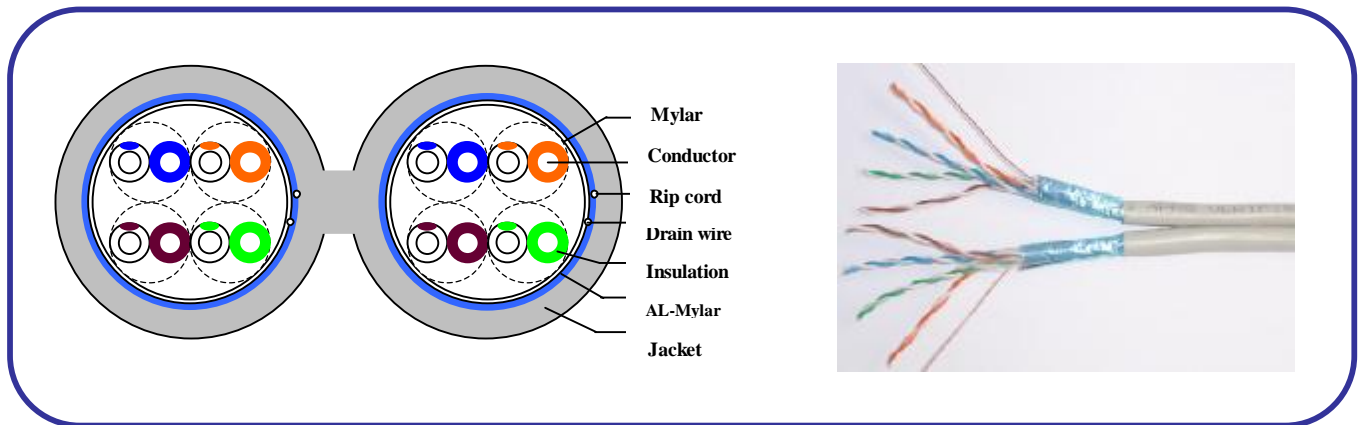
FTP CAT.5e 2 × 4P

Ø Type & Specification

Standard: ISO/IEC11801 TIA/EIA-568B.2

Type	AWG	Insulation	Drain wire	Jacket	Rated Temperature
FTP CAT.5e	24AWG	HDPE	24AWGTinned Copper	PVC (CM、CMR) LSOH	75°C

Ø Product Structure



Ø Characteristics

Conductor resistance, maximum,	Ω/km (20°C)	95
Mutual pairs capacitance	nF/km	56
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	2.0	65.3	62.3	64.0	61.0	100±15	570.0
4.0	23.0	4.1	56.3	53.3	52.0	49.0	100±15	552.0
10.0	25.0	6.5	50.3	47.3	44.0	41.0	100±15	545.4
16.0	25.0	8.2	47.2	44.2	39.9	36.9	100±15	543.0
20.0	25.0	9.3	45.8	42.8	38.0	35.0	100±15	542.0
31.25	23.6	11.7	42.9	39.9	34.1	31.1	100±15	540.4
62.5	21.5	17.0	38.4	35.4	28.1	25.1	100±15	538.6
100.0	20.1	22.0	35.3	32.3	24.0	21.0	100±15	537.6

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