



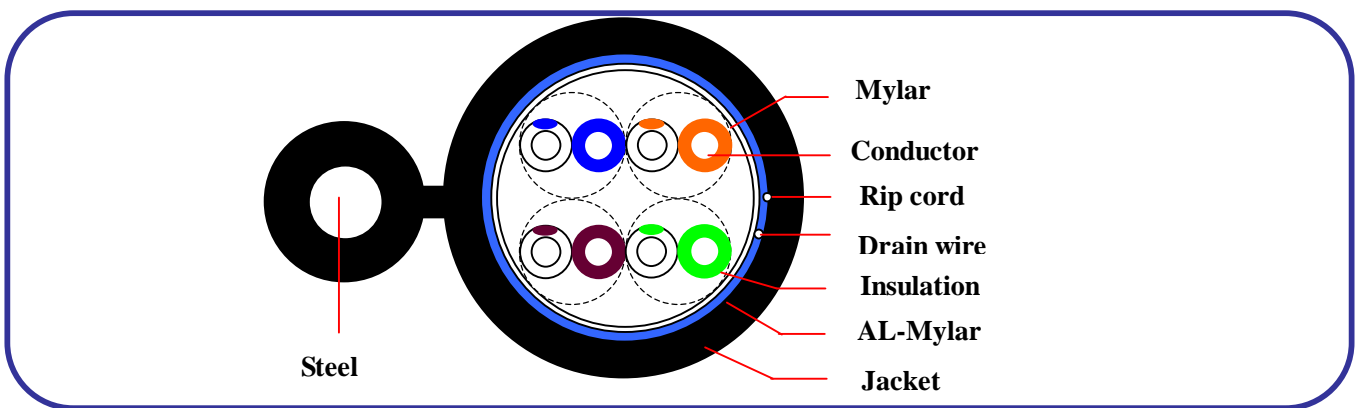
FIGURE“8”FTP 5e With Messenger

Ø Type & Specification

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

Type	Conductor AWG	Galvanized steel wire	Jacket	Rated Temperature
FTP CAT.5e	24	Φ 1.2mm	LDPE、LLDPE、HDPE	60℃

Ø Product Structure



Ø Characteristics

Conductor resistance, maximum,	Ω/km (20℃)	95
Mutual pairs capacitance	nF /km	54
Dielectric strength (DC test voltage for 1 min,)	DC (V)	1000
Insulation resistance, minimum,	M Ω ·km	5000

Ø Transmission Characteristics

Frequency	RL	IL	NEXT	PSNEXT	ELFEXT	PSELFEXT	ZO	DELAY
MHZ	≥dB	≤dB	≥dB	≥dB	≥dB	≥dB	Ω	≤ns/100m
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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