



Cat 5e FTP Cable - Stranded

Applications:	Horizontal wiring in LAN
Conductors:	Bare copper
Conductor construction:	7 x 0.16 mm
Conductor diameter:	0.48mm
Insulation:	Solid PE
Insulation thickness:	0.255 mm
Insulation diameter:	1.0 0.05 x 2 core twist
Insulation colours:	Blue, White/Blue Orange, white/orange Green, white/green Brown, white/brown
Drain Wire	Tinned copper
Drain wire construction:	T0.40±0.01
Shield:	Al/PET
Shield thickness:	40 / 12 μ
Sheath/Jacket:	LSZH
Colour:	Grey
Jacket thickness:	0.5mm
Jacket diameter:	6.1 ± 0.2 mm
Max. Conductor DC Resistance at 20°C (Ω/Km)	<86
Rated Temperature(°C)	70
Velocity ratio	65%
Standards:	EIA/TIA 568A&ISO/IEC 11801

Frequency (MHz)	RL (dB) min.	Attenuation (dB/100m) max	NEXT (dB)	ACR (dB)	ELFEXT (dB)	PSELFEXT (dB)	Impedance(Ω) (Ohm)
0.722	22.60	1.82	67.00	65.00	66.00	63.00	100±15
1.000	23.10	2.00	65.30	63.00	63.80	60.80	
4.000	23.00	4.10	56.30	51.00	51.70	48.70	
8.000	24.50	5.80	51.80	45.00	45.70	42.70	
10.00	25.00	6.50	50.30	43.00	43.80	40.80	
16.00	25.00	8.20	47.30	37.00	39.70	36.70	
20.00	25.00	9.30	45.80	35.00	37.70	34.70	
25.00	24.20	10.23	44.30	32.00	35.80	32.80	
31.25	23.30	11.71	42.90	29.00	33.90	30.90	
62.50	20.70	17.25	38.40	19.00	27.80	24.80	
100.00	19.24	22.00	35.30	9.00	23.80	20.80	

Core	Type	Colour	BATT Part no
4 Pair	26AWG (STRANDED) Cat 5E	Grey	77075