



Fusion Cat 5e Unshielded Twisted Pair (UTP) LSOH Cable

Supplied in reinforced no snag 'easy reel' boxes – 305M (1000ft) solid core unshielded cable.

Part Number: T70-2191



Features

- Heavy duty box with plastic reinforced handle grip
- 25 year system warranty
- Meter marked 305-0m
- Meets ANSI/TIA-568-C.2 EN 50173:2007 and ISO/IEC 11801 category 5e requirements

Structure:

Conductor:	24AWG solid bare copper
Insulation:	HDPE
Jacket:	LSOH
Overall diameter:	4.8mm
Colour:	Violet

Electrical Characteristics

Impedance:	1-100MHz 100±15 (ohms)
D-C Resistance Unbalance (%):	Max 2.5
D-C Resistance:	120 (ohms/KM)
Pair-to-Ground Capacitance Unbalance:	330(pF/100M)
Insulation Resistance:	>5000MΩ.KM
Dielectric strength:	DC 2500V 2S

Indicators

Frequency (MHz)	RL (dB)	Attenuation (dB/100m)	DOP (ns)	SWK (ns)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20.0	2.2	570	45	65	62	61	61
4	23.0	4.2	552	45	56	53	48	48
10	25.0	6.5	545	45	50	47	41	41
16	25.0	8.4	543	45	47	44	36	36
20	25.0	9.3	542	45	45	42	34	34
31.25	23.6	11.6	540	45	42	39	31	31
62.5	21.5	17.0	538	45	38	35	25	25
100	20.1	22.0	537	45	35	32	21	21

Note: The above transmission performance for the 100M, 20 ± 2 °C under the conditions tested



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