



Fusion Cat 5e Unshielded Twisted Pair (UTP) Euroclass Eca Cable

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

Part Number: T70-6810



Features:

- Euroclass reaction to fire: Eca (BS EN 13501-6:2014)
- Heavy duty box with plastic reinforced handle grip
- 25 year system warranty
- Meter marked 305-0m

Structure:

Conductor:	24AWG solid bare copper
Insulation:	HDPE
Jacket:	PVC
Overall diameter:	4.7mm
Colour:	Grey
Reaction to fire:	Euroclass Eca (BS EN 13501-6:2014)

Electrical Characteristics

Impedance:	1-100MHz 100±15 (ohms)
D-C Resistance Unbalance (%):	Max 2.5
D-C Resistance (20°C):	≤93.8 (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)	ACR-F (dB)	PSELFEXT (dB)
1	20.0	2.0	570	45.0	65.3	62.3	63.8	60.8
4	23.0	4.1	552	45.0	56.3	53.3	51.8	48.8
10	24.5	6.5	545	45.0	50.3	47.3	43.8	42.7
16	25.0	8.2	543	45.0	47.2	44.2	39.7	36.7
20	25.0	9.3	542	45.0	45.8	42.8	37.8	34.8
31.25	23.6	11.7	540	45.0	42.9	39.9	33.9	30.9
62.5	21.5	17.0	539	45.0	38.4	35.4	27.9	24.9
100	20.1	22.0	538	45.0	35.3	32.3	23.8	20.8

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

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