



Fusion Cat 6 Unshielded Twisted Pair (UTP) Euroclass Eca Cable

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

Part Number: T70-6901



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
- Meets TIA/EIA 568-B.2-1, EN50173-1

Structure:

Conductor:	23AWG solid bare copper
Insulation:	HDPE
Jacket:	PVC
Overall diameter:	6.3mm
Colour:	Grey
Reaction to fire:	Euroclass Eca (BS EN 13501-6:2014)

Electrical Characteristics

Impedance:	1-250MHz 100±15ohms)
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/100m)	PSACR-F (dB/100m)
1	20.0	2.0	570	45	74.3	72.3	67.8	64.8
4	23.0	3.8	552	45	65.2	63.2	55.8	52.8
10	25.0	6.0	545	45	59.3	57.3	47.8	44.8
16	25.0	7.6	543	45	56.2	54.2	43.7	40.7
20	25.0	8.5	542	45	54.7	52.7	41.8	38.8
31.25	23.6	10.7	540	45	51.8	49.8	37.9	34.9
62.5	21.5	15.4	538	45	47.3	45.3	31.9	28.9
100	20.1	19.8	537	45	44.3	42.3	27.8	24.8
200	18.0	29.0	536	45	39.7	37.7	21.8	18.8
250	17.3	32.8	535	45	38.3	36.3	19.8	16.8

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



Tel: 0845 370 4709 sales@fusiondatacom.com www.fusiondatacom.com

FUSION DATACOM, PO BOX 556, GREENFORD UB5 9JS, UNITED KINGDOM