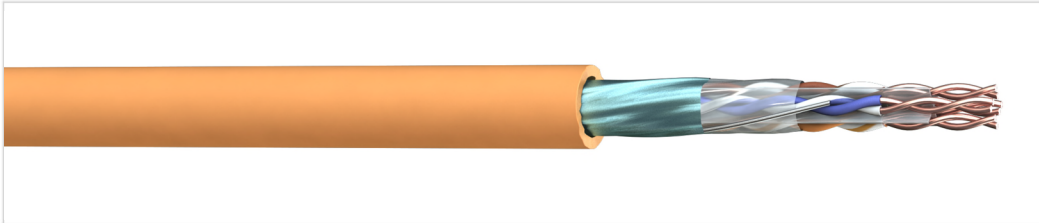


CAT 6 F/UTP NETWORKING CABLE LSHF TESTED TO 500MHz



truLAN

PART REFERENCE

C6FHR

CONSTRUCTION

CONDUCTOR	23(1)AWG, SOLID BARE COPPER
INSULATION	HIGH DENSITY POLYETHYLENE
NO OF PAIRS	4
SCREEN	POLYESTER/ALUMINIUM FOIL
JACKET	LOW SMOKE HALOGEN FREE
JACKET COLOUR	ORANGE
OVERALL DIAMETER	7.2 +/- 0.2MM

TECHNICAL

CONDUCTOR RESISTANCE	< 9.38 Ω /100M @ 20°C
MAX DC RESISTANCE UNBALANCED	< 2.5% @ 20°C
MAX CAPACITANCE UNBALANCED	< 330 pF/100M @ 20°C (PAIR-TO-PAIR GROUND)
CHARACTERISTIC IMPEDANCE (1-500MHz)	100 +/- 15 Ω
MUTUAL CAPACITANCE	< 5.6 nF/100M
MAX DELAY SKEW	< 45 nS/100M
INSULATION RESISTANCE	> 200 M Ω .M
TEMPERATURE RATING	-15 TO +75°C

PRINTING

'FSC C6FHR 4 PAIR 23AWG CATEGORY 6 FTP TESTED TO 500MHz TIA/EIA 568-C

ISO 11801:2002 IEC 60332-2-2 RoHS BATCH NO METER MARK'

FREQUENCY (MHz)	ATTENUATION (dB/100m)	RETURN LOSS (dB)	NEXT (dB)	PS-NEXT (dB)	ELFEXT (dB/100m)	PS-ELFEXT (dB/100m)	DELAY (nS/100m)	ACR (dB)
1	2.03	20.00	74.30	72.30	67.80	64.80	570.00	72.70
4	3.87	23.01	65.27	63.27	55.76	52.76	552.00	61.40
10	5.95	25.00	59.30	57.30	47.80	44.80	545.38	53.35
16	7.55	25.00	56.24	54.24	43.72	40.72	543.00	48.69
20	8.47	25.00	54.78	52.78	41.78	38.78	542.05	46.31
25	9.51	24.32	53.33	51.33	39.84	36.84	541.20	53.82
31.25	10.67	23.64	51.88	49.88	37.90	34.90	540.44	41.21
62.5	15.38	21.54	47.36	45.36	31.88	28.88	538.55	31.98
100	19.80	20.11	44.30	51.30	27.80	24.80	537.60	24.50
200	28.98	18.00	39.78	37.78	21.78	18.78	536.55	10.80
250	32.85	19.32	38.33	36.33	19.84	16.84	536.28	5.48
300	36.41	16.80	37.10	35.10	18.45	15.45	536.10	
500	45.30	15.20	33.80	31.80	13.80	10.80	535.60	