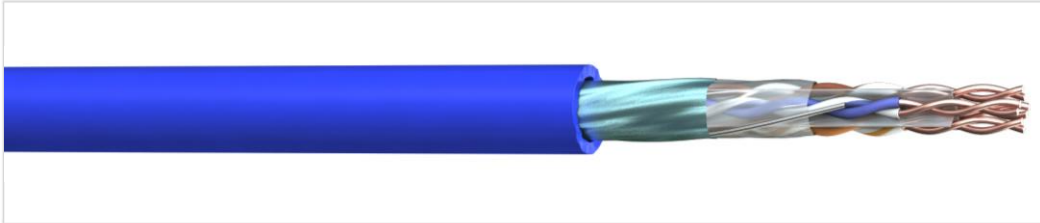


CAT 6A F/UTP NETWORKING CABLE LSHF TESTED TO 650MHz



truHD

PART REFERENCE

C6TGFUH

CONSTRUCTION

CONDUCTOR	23(1)AWG, SOLID BARE COPPER
INSULATION	POLYETHYLENE
NO OF PAIRS	4
OVERALL TAPE	POLYESTER
DRAIN WIRE	SOLID TINNED COPPER
OVERALL SCREEN	POLYESTER/ALUMINIUM FOIL
JACKET	LOW SMOKE HALOGEN FREE
JACKET COLOUR	BLUE
OVERALL DIAMETER	7.1 +/- 0.2MM



TECHNICAL

CONDUCTOR RESISTANCE	< 7.5 Ω/100M @ 20°C
CHARACTERISTIC IMPEDANCE	100 +/- 15Ω
MUTUAL CAPACITANCE	< 5.6 pF/100M
MAX DELAY SKEW	< 47 nS/100M
INSULATION RESISTANCE	> 200 MΩ.M
VELOCITY OF PROPGATION	70%
TEMPERATURE RATING	-15 TO +75°C

PRINTING

'FSC C6TGFUH 4 PAIR 23AWG CATEGORY 6A F/UTP LSZH TESTED TO 650MHz TIA/EIA 568-C.2 ISO 11801:2002

RoHS BATCH NUMBER METER MARK'

FREQUENCY (MHz)	ATTENUATION (dB/100m)	RETURN LOSS (dB)	NEXT (dB)	PS-NEXT (dB)	ELFEXT (dB/100m)	PS-ELFEXT (dB/100m)	ACT (dB/100m)	PS-ACR (dB/100m)
1	3.73	20.0	74.3	72.3	55.9	52.9	61.50	59.6
4	4.0	23.0	65.3	63.3	55.8	52.8	31.4	59.4
10	5.8	25.0	59.3	57.3	47.8	44.8	53.4	51.3
16	7.4	25.0	56.2	54.2	43.7	40.7	48.6	46.6
20	9.3	25.0	53.3	51.3	39.8	36.8	46.3	44.1
31.25	10.4	23.6	51.9	49.9	37.9	34.9	42.3	39.4
100	19.0	20.1	44.3	42.3	27.8	24.8	25.2	23.1
200	27.5	18.0	39.8	37.8	21.8	18.8	12.2	10.3
250	31.0	17.3	38.3	36.3	19.8	16.8	7.3	4.5
300	34.2	17.3	37.1	35.1	18.1	15.7	2.9	1.0
400	40.0	17.3	35.3	33.4	15.9	12.9	-4.94	-6.9
500	45.2	17.3	33.8	31.8	14.0	11.0	-11.44	-13.4