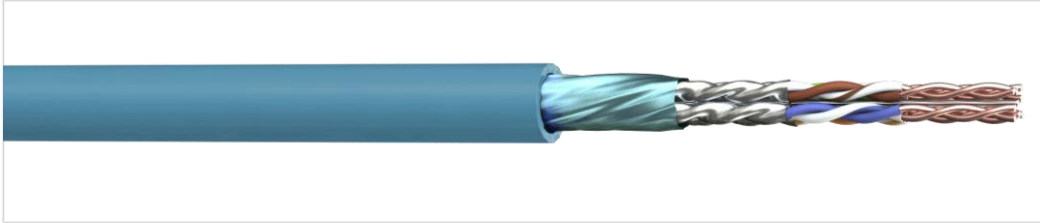


## CAT 6A F/FTP NETWORKING CABLE LSHF TESTED TO 650MHz



**tru**LAN

### PART REFERENCE

C6GFFH

### CONSTRUCTION

CONDUCTOR	23(1)AWG, SOLID BARE COPPER
INSULATION	FOAMED-SKIN-FOAMED POLYETHYLENE
NO OF PAIRS	4
INDIVIDUAL SCREEN	POLYESTER/ALUMINIUM FOIL
COMMON DRAIN WIRE	TINNED COPPER, IN CONTACT WITH INDIVIDUAL SCREENS
OVERALL SCREEN	POLYESTER/ALUMINIUM FOIL
JACKET	LOW SMOKE HALOGEN FREE
JACKET COLOUR	LIGHT BLUE
OVERALL DIAMETER	7.3 +/- 0.2MM

### TECHNICAL

CONDUCTOR RESISTANCE	< 8.6 Ω/100M @ 20°C
CHARACTERISTIC IMPEDANCE	1 – 100MHz = 100Ω ± 15 100 – 250MHz = 100Ω ± 20 250 – 500MHz = 100Ω ± 25
MUTUAL CAPACITANCE	< 5.6 pF/100M
MAX DELAY SKEW	< 43 nS/100M
INSULATION RESISTANCE	> 200 MΩ.M
TEMPERATURE RATING	-15 TO +75°C

### PRINTING

'FSC C6GFFH 4 PAIR 23AWG CATEGORY 6A F/FTP LSZH TESTED TO 650MHz TIA/EIA 568-C ISO 11801:2002

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)
1	2.1	20.0	74.3	72.3	68.0	65.0
4	3.8	23.0	65.3	63.3	56.0	53.0
10	5.9	25.0	59.3	57.3	48.8	45.0
16	7.5	25.0	56.2	54.2	43.9	40.9
31.25	10.4	23.6	51.9	49.9	38.1	35.1
62.5	15.0	21.5	47.4	45.4	32.1	29.1
100	19.0	20.1	44.3	42.3	28.0	25.0
250	31.1	17.3	38.3	36.3	20.0	17.0
500	45.3	17.3	33.8	31.8	14.0	11.0