

CAT 7 S/FTP NETWORKING CABLE LSHF TESTED TO 600MHz




PART REFERENCE

C7HR08

CONSTRUCTION

CONDUCTOR	23(1)AWG, SOLID BARE COPPER
INSULATION	SKIN-FOAM-SKIN POLYETHYLENE
NO OF PAIRS	4
INDIVIDUAL SCREEN	POLYESTER/ALUMINIUM FOIL
OVERALL SCREEN	TINNED COPPER WIRE BRAID
JACKET	LOW SMOKE HALOGEN FREE
JACKET COLOUR	ORANGE
OVERALL DIAMETER	7.6 +/- 0.2MM

TECHNICAL

CHARACTERISTIC IMPEDANCE (1-250MHz)	100 +/- 15Ω
MAX DELAY SKEW	< 25 nS/100M
CAPACITANCE UNBALANCED TO EARTH	< 7.3 pF/100M
CONDUCTOR RESISTANCE	< 7.3 Ω/100M @ 20°C
VELOCITY RATIO	76%
TEMPERATURE RATING	0 TO +70°C

PRINTING

'FSC C7HR08 4 PAIR 23AWG S/FTP LSZH CATEGORY 7/CLASS F TESTED TO 600MHz ISO 11801:2002 RoHS BATCH NO METER MARK'

FREQUENCY (MHz)	Attenuation (dB/100m)	RETURN LOSS (dB/100m)	NEXT (dB/100m)	PSNEXT (dB/100m)	ACR (dB/100m)	PSACR (dB/100m)	ACR-F (dB/100m)	PS ACR-F (dB/100m)
1	2.1	20.0	78.0	75.0	75.9	72.9	78.0	75.0
4	3.7	23.0	78.0	75.0	74.3	71.3	78.0	75.0
10	5.9	25.0	78.0	75.0	72.2	69.2	74.0	71.0
16	7.4	25.0	78.0	75.0	70.7	67.7	69.9	66.9
31.25	10.4	23.6	78.0	75.0	67.7	64.7	64.1	61.1
62.5	14.9	21.5	75.5	72.5	60.9	57.9	58.1	55.1
100	19.0	20.1	72.4	69.4	53.9	50.9	54.0	51.0
200	27.5	18.0	67.9	64.9	41.4	38.4	48.0	45.0
300	34.2	17.3	65.2	62.2	32.6	29.6	44.5	41.5
600	50.1	17.3	60.7	57.7	13.6	10.6	38.4	35.4