

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



**truLAN**

## PART REFERENCE

C6GUUH

## CONSTRUCTION

CONDUCTOR	23(1)AWG, SOLID BARE COPPER
INSULATION	POLYETHYLENE
NO OF PAIRS	4
JACKET	LOW SMOKE HALOGEN FREE
JACKET COLOUR	BLUE
OVERALL DIAMETER	6.3 +/- 0.2MM

## TECHNICAL

CONDUCTOR RESISTANCE	< 7.5 Ω/100M @ 20°C
CHARACTERISTIC IMPEDANCE (1-250MHz)	100 +/- 15Ω
MUTUAL CAPACITANCE	< 5.6 nF/100M
MAX DELAY SKEW	< 43 nS/100M
INSULATION RESISTANCE	> 200 MΩ.M
TEMPERATURE RATING	-15 TO +75°C

## PRINTING

'TruLan C6GUUH 4 PAIR 23AWG CATEGORY 6A U/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