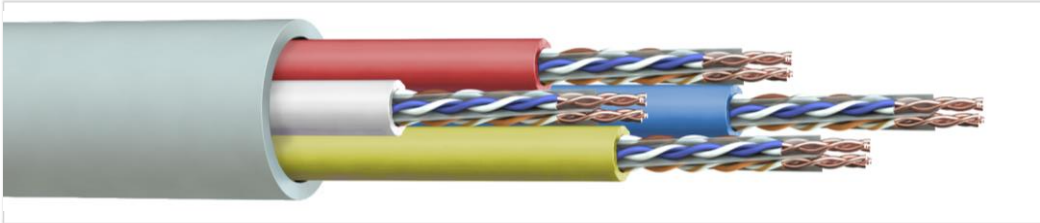


CAT 6 16 PAIR NETWORKING CABLE PVC



truLAN
truHOME

PART REFERENCE

C6R/4

CONSTRUCTION

EACH CABLE

CONDUCTOR	23(1)AWG, SOLID BARE COPPER
INSULATION	HIGH DENSITY POLYETHYLENE
NO OF PAIRS	16
INNER JACKETS	POLYVINYL CHLORIDE (RED, BLUE, YELLOW, WHITE)
OVERALL DIAMETER	6.2 +/- 0.2MM

OVERALL

TAPE	LOW FRICTION FLEECE
SHEATH	POLYVINYL CHLORIDE
COLOUR	GREY
OVERALL DIAMETER	16.9mm +/- 0.5MM

TECHNICAL

CONDUCTOR RESISTANCE	< 7.32 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 (1-350MHZ)	100 +/- 15Ω
MUTUAL CAPACITANCE	< 5.6 nF/100M
MAX DELAY SKEW	< 45 nS/100M
TEMPERATURE RATING	-15 TO +75°C

PRINTING

INDIVIDUAL CABLE

'TruLAN C6RXX 4 PAIR 23AWG CATEGORY 6 U/UTP TESTED TO 500MHZ TIA/EIA 568-C.2 ISO 11801:2002 RoHS BATCH NO METER MARK'

OUTER JACKET

'TruLAN C6R/4 24pair Category 6 U/UTP TESTED TO 500MHZ TIA/EIA 568-C.2 ISO 11801:2002 RoHS BATCH NO METER'

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	