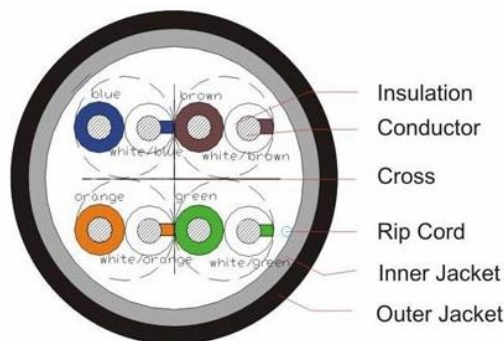


R195771 Installation Cable Cat.6, UTP, 4P, 250 MHz, Outdoor Double Jacket (IJ: LSZH, OJ:PE) Anti Termite, 305 m



Description

Cat.6, UTP, AWG23 Outdoor double jacket, anti-termite cable.
Data transmission frequencies of up to 250 MHz

Technical Data

Standardisation	ISO/IEC 11801 ed. 2.2; IEC 61156-5 2nd Ed.; EN 50173-1; EN 50288-6-1; EIA/TIA 568-C.2; Fire rating: IEC 60332-1; IEC 60754-2; IEC 61034;
Cable class	Installation Cable
Category	Cat.6
Cu cable shielding	UTP
Number of fibers / conductors	8
Stranding	4P
Cable outer jacket material	PE
Cable inner jacket material	LSZH
Cable jacket characteristics	cable, metal-free
Cable inner jacket characteristics	zero-halogen
Cable outer jacket characteristics	flame-retardant, anti-termite
Cable protection	no protection
Cable overall diameter	nominal value $\varnothing 7.3 \pm 0.3$ mm
Fiber / conductor diameter	AWG23
Temperature	-20° C to +90° C
Color	Black
Length (meter)	305

ELECTRICAL PARAMETER

- CONDUCTOR RESISTANCE (DC): ≤ 9.38 OHMS/100MTR@20 Degree C. MAX.
- RESISTANCE UNBALANCE : 5%MAX
- MUTUAL CAPACITANCE: 5.6 nF/100 mtrs Max.
- CAPACITANCE UNBALANCE PAIR/GROUND: 330PF/100M MAX
- Normal Velocity of Propagation: 69%
- IMPEDANCE: $100 \pm 15\%$ OHMS
- Delay skew : 45ns/100m
- Generally confirming to EIA/TIA 568-C and IEC/ISO 11801

HIGH FREQUENCY ELECTRICAL PARAMETER

Frequency MHz	Insertion Loss (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT(dB)	ACR (dB)	PSACR (dB)
1	2.0	20.0	74.3	72.3	67.8	64.8	72.3	70.3
4	3.8	23.0	65.3	63.3	55.8	52.8	61.5	59.5
8	5.3	24.5	60.8	58.8	49.7	46.7	55.5	53.5
10	6.0	25.0	59.3	57.3	47.8	44.8	53.3	51.3
16	7.6	25.0	56.2	54.2	43.7	40.7	48.6	46.6
20	8.5	25.0	54.8	52.8	41.8	38.8	46.3	44.3
25	9.5	24.3	53.3	51.3	39.8	36.8	43.8	41.8
31.25	10.7	23.6	51.9	49.9	37.9	34.9	41.2	39.2
62.5	15.4	21.5	47.4	45.4	31.9	28.9	32.0	30.0
100	19.8	20.1	44.3	42.3	27.8	24.8	24.5	22.5
200	29.0	18.0	39.8	37.8	21.8	18.8	10.8	8.8
250	32.8	17.3	38.3	36.3	19.8	16.8	5.5	3.5