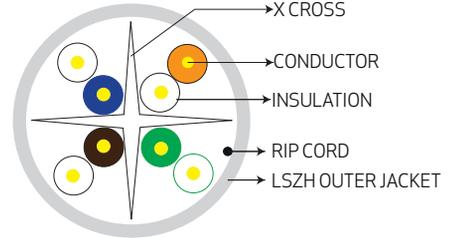
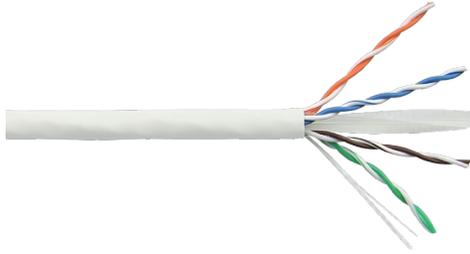


CAT.6A U/UTP 4 PAIRS CABLE-23AWG - LSZH

PART NO:RI10GX24

DESCRIPTION:RAMCRO CAT6A U/UTP 10G 4PAIR 23AWG CABLE WITH NOISE BARRIER TAPE - LSZH - WHITE



Construction

Conductor	: Solid Bare Copper
Size	: 23 AWG
Construction	: 1/0.57±0.005mm
Insulation Material	: HDPE
AVG.Thickness	: 0.21mm
Diameter	: 1.02 ± 0.05mm
Number of Pairs	: 4
Pair Identification	: Blue-Blue/White, Orange-Orange/White, Green-Green/White, Brown-Brown/White
Jacket Material	: Low smoke zero halogen (LSZH)
Jacket AVG.Thickness	: 0.70mm
Diameter	: 7.0mm ± 0.4
Rip Cord	: Nylon
Sheath Colour	: RAL9003
Bend radius	: Min 20D/140mm

Electrical & Physical Characteristics

Operating Temperature Range	: - 15°C + 70°C
Conductor Resistance	: 9.38
Dielectric Strength	: Min AC 1.5 KV
Spark Test	: 5.0 KV
Rated Voltage	: Max 300Volts
DC Resistance Unbalance	: Max 5%
Pair-to-Ground Capacitance Unbalance	: Max 3300pF/KM
Nominal Velocity of Propagation(%)	: 66%
Propagation Delay	: Max 536ns/100m
Delay Skew	: Max 45ns/100m

Standards

- TIA/EIA 568-C.2 and ISO/IEC 11801 Ed2
- EU RoHS 2011/65 EU Compliant

Application

- Lan Cabling



Transmission Performance

Frequency (MHz)	Min.Return Loss (dB/100m)	MAX.ATTENUATION (dB)	MIN.NEXT (dB)	MAX. TIME DELAY (ns/100m)	MAX. PSNEXT (dB)	MIN. ELFEXT (dB)	MIN.PSELFEXT (dB)
1	20.0	3.7	74.3	72.3	55.9	100 ± 15	61.0
10	25.0	5.8	59.3	57.3	45.0	100 ± 15	48.0
31.25	23.6	10.4	51.9	49.9	35.1	100 ± 15	38.1
100	20.1	19.0	44.3	42.3	25.0	100 ± 15	28.0
300	17.3	34.2	37.1	35.1	15.5	100 ± 25	18.5
500	17.3	45.2	33.8	31.8	11.0	100 ± 25	14.0