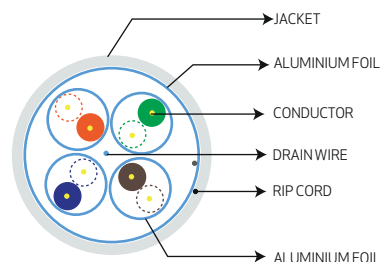
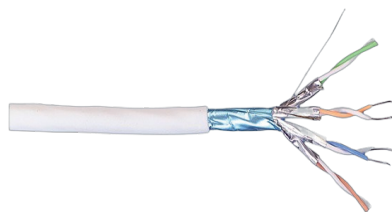


CAT.6A F/FTP 4 PAIRS CABLE - 23AWG - LSZH

PART NO:R110GXEO1

DESCRIPTION:RAMCRO CAT6A F/FTP 10G 4PAIR 23AWG CABLE -LSZH-WHITE



Construction

Conductor	: Solid Bare Copper
Size	: 23 AWG
Construction	: 1/0.57 ± 0.005mm
Insulation Material	: Skin-foam-skin PE
AVG.Thickness	: 0.360mm
Diameter	: 1.35 ± 0.1mm
Number of Pairs	: 4
Pair Identification	: Blue-Blue/White, Orange-Orange/White, Green-Green/White, Brown-Brown/White
Individual Screen	: Aluminium Foil, Each Pair
Drain Wire	: 1/0.40 ± 0.005, Tinned Copper
Overall Screen	: Aluminium Foil
Jacket Material	: Low smoke zero halogen (LSZH)
Jacket AVG.Thickness	: 0.65mm
Diameter	: 7.8 ± 0.4mm
Rip Cord	: Nylon
Sheath Colour	: RAL9003
Bend radius	: Min 20D/150mm

Electrical & Physical Characteristics

Operating Temperature Range	: - 20°C + 70°C
Conductor Resistance	: Max 75.8ohm/km at 20°C
Dielectric Strength	: Min AC 1.5 KV
Spark Test	: 5.0 KV
Rated Voltage	: Max 300Volts
DC Resisitance Unbalance	: Max 5%
Pair-to-Ground Capacitance Unbalance	: Max 3300pF/KM
Nominal Velocity of Propagation(%)	: 66%
Propagation Delay	: Max 536ns/100m
Delay Skew	: Max 25ns/100m

Standards

- TIA/EIA 568-C.2 and ISO/IEC 11801 Ed2
- EU RoHS 2011/65 EU Compliant
- IEC 60228
- IEC 60754-1 & 2
- (BS) EN 50290-2
- IEC 61034

Application

- Lan Cabling

Transmission Performance

Frequency (MHz)	Min.Return Loss (dB/100m)	MAX.ATTENUATION (dB)	NEXT (dB)	PSNEXT (ns/100m)	PSELFEXT (dB)	ZIN (dB)	ELFEXT (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	47.8	100 ± 15	49.0
31.25	23.6	10.4	51.9	49.9	37.9	100 ± 15	42.9
100	20.1	19.0	44.3	42.3	27.8	100 ± 15	41.0
300	17.3	34.2	37.1	35.1	18.1	100 ± 25	36.9
500	17.3	45.2	33.8	31.8	14.0	100 ± 25	35.0