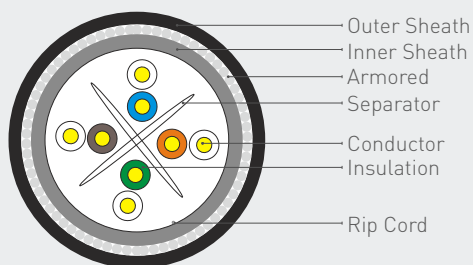
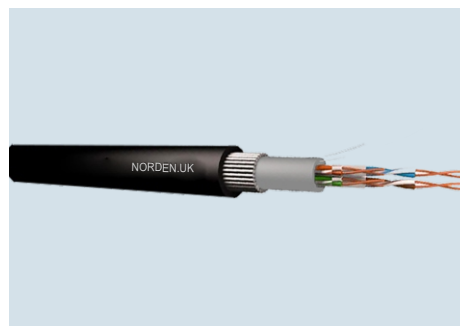


CAT 6A U/UTP 23 AWG DOUBLE JACKET GALVANIZED IRON WIRE ARMoured EXTERNAL CABLE LSZH/PE



Norden Category 6A U/UTP armoured cables exceed Category 6A/Class EA specification. It is tested to 500MHz frequency range and designed to support 1000Base-T and 1000Base-Tx applications to full 100m. Extremely high pair-balance providing excellent EMC (Electromagnetic Compatibility), minimizing radiation, maximizing noise immunity, and providing high alien crosstalk performance to U/UTP (Unshielded Twisted Pair) cabling systems. Cat 6A UTP armoured cable consists of Polyolefin insulated 23 AWG Solid Bare Electrolytic Grade Copper conductors, twisted 4 pair, Galvanized Iron Wire Armoured, LSZH inner sheath and PE outer sheath.



COMPLIANCE

IEEE 802.3an :2006 (10GBASE-T)
ANSI/TIA-568.2-D Category 6A ISO/
IEC-11801, 2nd Edition Class E IEC
61156-5:2002 Category 6A
LSZH: IEC 60332-1, IEC 60754, IEC 61034

MATERIAL CONSTRUCTION & DESIGN

Conductor	Solid Bare Electrolytic Grade Copper
Conductor Size	23 AWG
Conductor Construction	Solid
Insulation Material	Polyolefin
Conductor Unit Identification	Solid/Stripe
Colour Code	Per TIA/EIA 568-B
Total Number of Wires	8
Separator	HDPE
Inner Sheath Material	LSZH
Rip Cord	Yes
Armour	Galvanized Iron Wire Armouring
Armour Thickness	0.6mm
Outer Sheath Material	PE
Outer Jacket Diameter	9.50 ± 0.50 mm
Marking	At Every Meter



CAT 6A U/UTP 23 AWG DOUBLE JACKET GALVANIZED IRON WIRE ARMoured EXTERNAL CABLE LSZH/PE



ELECTRICAL & MECHANICAL CHARACTERISTICS

Impedance	100 ±15 Ohms
DC Resistance @ 20°C	93.8 Ohm/km
Max. Resistance Unbalance	5 % Max
Mutual Capacitance	5.6 nF/100m max.
Capacitance Unbalance Pair/Ground	330 pF/m max.
Worst Case Cable Skew	45 ns/100m max.
Normal Velocity of Propagation	69 %
Min. Bend Radius	8 x OD
Operating Temperature Range	- 20 °C to +75 °C

TRANSMISSION PERFORMANCE

Freq. MHz	Attenuation dB	RL dB	NEXT dB (Min.)	PS NEXT dB	ACR-F dB	PS ACR-F dB (Min)
1	2.3	19.0	65	62.0	63.3	60.3
4	4.2	19.0	63	60.5	51.2	48.2
8	5.8	19.0	58.2	55.6	45.2	42.2
10	6.5	19.0	56.6	54.0	43.3	40.3
16	8.2	18.0	53.2	50.6	39.2	36.2
20	9.2	17.5	51.6	49.0	37.2	34.2
25	10.2	17.0	50	47.3	35.3	32.3
100	20.9	12.0	39.9	37.1	23.3	20.3
200	30.1	9.0	34.8	31.9	17.2	14.2
250	33.9	8.0	33.1	30.2	15.3	12.3
300	37.4	7.2	31.7	28.8	13.7	10.7
400	43.7	6.0	28.7	25.8	11.2	8.2
500	49.3	6.0	26.1	23.2	9.3	6.3

ORDERING INFORMATION

Part Number	Description	Standard Length
114-20D23104X	Cat 6A U/UTP 23 AWG Double Jacket Galvanized Iron Wire Armoured External Cable LSZH/PE	305 mtr

PACKING INFORMATION

Part Number	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
114-20D23104X	Plywood Reel	44	52	630 x 300 x 300