

CAT6A AWG23 UTP/Copper LAN Cable 305m

CAT6A U/UTP 23AWG PURE COPPER LSZH JACKET,305M WOODEN REEL



RS

RS602

Description

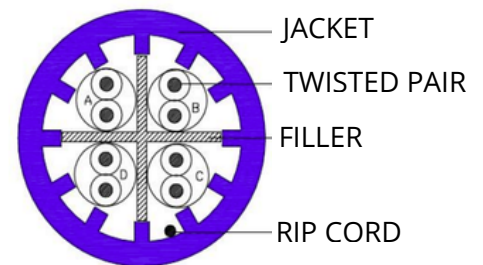
Rated Temperature (°C):	75
Application:	Horizontal Wiring in LAN
Reference Standard:	UL Subject 444,EIA/TIA568 & ISO/IEC 11801

Construction

Conductor	Solid Bare Copper
AWG	23
Conductor Dia. (±0.05mmmm)	0.56
Insulation	PE
Average Thickness(mm)	0.220
Min. Point Thickness(mm)	0.200
Insulation Dia.(±0.01mm)	1.02
Twisted Pair Dia.(±0.02mm)	2.04
Filler	PE
Assembly Dia.(±0.2mm)	4.6
Jacket	PVC
Average Thickness(mm)	0.60
Min. Point Thickness(mm)	0.55
Outer Dia.(±0.1mm)	7.20
Rip Cord	Nylon

Cross Section

4X2X0.56



Cross Section

- Blue
- White Blue
- Orange
- White Orange
- Green
- White Green
- Brown
- White Brown

Jacket Color

- Orange

Marking

- RS 601 CAT6A U/UTP 24AWG 4PR 500MHz PURE COPPER PVC CE RoHS ISO/IEC11801 EN50173 TIA-568.2 --- METRE MARKING ---

RS

CAT6A AWG23 UTP/Copper LAN Cable 305m

Performance

Electrical Characteristics								
Freq (MHz)	Ret.Loss (Min dB)	Atten. (MAX)	NEXT (Min dB)	Frequency (MHz)	PSNEXT (Min dB)	ELFEXT Min(dB/100m)	PSELFEXT Min(dB/100m)	DELAY Max(ns/100m)
1	20	2	76.3	1	72.6	68.8	65.8	570
4	23	4.1	67.3	4	63.6	56.7	53.7	552
8	24.5	5.8	62.8	8	59.1	50.7	47.7	546.7
16	25	8.2	58.3	16	54.6	44.7	41.7	543
20	25	9.3	56.8	20	53.1	42.7	39.7	542
62.5	21.5	17	49.4	62.5	45.7	32.8	29.8	538.6
100	20.1	22	46.3	100	42.6	28.8	25.8	537.6
200	18	32.4	41.8	200	38.1	22.7	19.7	536.5
250	17.3	36.9	40.3	250	36.6	20.8	17.8	536.3
300	16.8	41	39.2	300	35.5	19.2	16.2	536.1
400	15.9	48.5	37.3	400	33.6	16.7	13.7	535.8
500	14.9	58.8	35.2	500	31.5	13.9	10.9	535.5
1.0-100.0MHz Impedance (ohms)					100±15			
1.0-100.0MHz Delay Skew (ns/100m)					<=45			
Pair-to-Ground Capacitance Unbalance (pF/100m)					<=330			
Max. Conductor DC Resistance 20 oC (ohms/km)					78			
Resistance Unbalance (%)					<=5			

Mechanical Characteristics

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	>=13.8
Aging Elongation (%)	>=150
Aging Condition (oCxhrs)	100x168
After Tensile Strength(Mpa)	>=85%of unaged
Aging Elongation	>=50%of unaged
Cold Bend(-20±2 oCx4hrs)	Nocrack