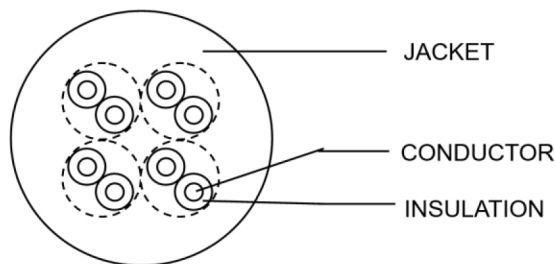
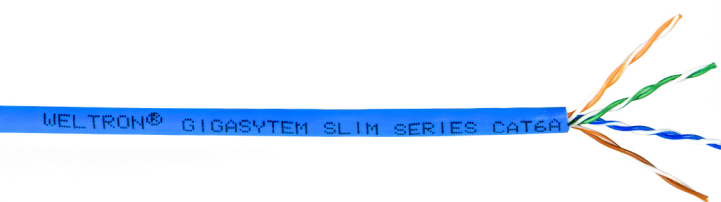


28AWG Slim U/UTP CAT.6A Stranded Bulk Cable



FEATURES

TIA/EIA-568.2-D;ISO/IEO 11801;NEC/CEC
 Fire protection – IEC60332-1 (CM)
 Cable is used for indoor installation

CONSTRUCTION

Conductor: Stranded Bare Copper
 Conductor Dia.:28AWG (7/0.12 ±0.008mm)
 Pair Insulation: HD-PE
 Insulation Nom.Thickness:Avg:0.115mm Min:0.106mm
 Jacket Norm.OD: 3.6±0.15mm

Pair Identification: Pair1= Blue/White Pair2= Orange/White
 Pair 3= Green/White Pair4= Brown/White
 Outer Jacket: CM PVC Jacket
 Insulation Nom.OD:0.60±0.05mm
 Jacket Color: Grey; Black; Blue; Green; Purple, Orange;
 Red, White, Yellow

Marking: WELTRON® GIGASYTEM SLIM SERIES CAT6A 28AWG UTP CM PVC ROHS (UL) E465248-B

TECHNICAL CHARACTERISTICS

Installation Temperature: 0°C to +50°C
 Operating temperature: -20°C to +75°C
 DC Resistance Unbalance :5%
 Characteristic impedance: 100Ω±15%

Pulling strength: 100 N
 Minimum bend radius: 10 outer cable diameters in Operation
 Conductor DC resistance: 20°C ≤148.94Ω/km
 Insulation Resistance: ≥100MΩ.km (IEC 60189-1)

PACKAGING

305m/1000ft reel package

ELECTRICAL CHARACTERISTICS

Frequency	LOSS	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	3.0	65.0	19.0	62.0	63.3	62.0	59.0	60.3
4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2
10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3
16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2
20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2
25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3
31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4
62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3
100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3
200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2
250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3
350	40.6	30.3	6.6	-10.3	12.4	27.3	-13.3	9.4
450	46.5	27.3	6.0	-19.2	10.2	24.4	-22.1	7.2
500	49.3	26.1	6.0	-23.2	9.3	23.2	-26.1	6.3