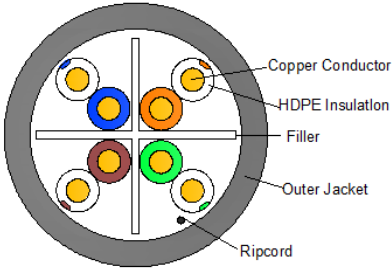


CAT6 UTP Cable

Description: Product Description: 4P U/UTP CAT6 23AWG LSZH LAN CABLE Reference standard: ANSI/EIA 568C.2 IEC 61156 & ISO/IEC 11801 Rated temperature: 75 °C Flame test: Per customer request Color-coded PE insulation Solid copper LSZH jacket	Application: 100 Base-TX 100 Base-T 100VG-AnyLAN 1000 Base-T(Gigabit Ethernet) 1000 Base-TX 155Mbps ATM 622Mbps ATM
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Data Sheet

Structure	Construction	U/UTP			
	Number of pairs	4Pairs			
Conductor	AWG	23AWG			
	Material	Solid copper			
	Conductor dimension (mm)	0.55±0.01			
Insulation	Insulation Material	HDPE			
	Insulation dimension(mm)	0.95±0.05			
Pairs	1	White-Blue/Blue		Electrical Characteristics	1--250MHZ Impedance 100±15Ω
	2	White-Orange/Orange			Max. delay skew ≤ 45/100m
	3	White-Green/Green			Max. conductor resistance 95Ω/km (@ 20 °C)
	4	White-Brown/Brown			Max. conductor resistance unbalance 2.5% (@ 20 °C)
Filler	Filler material	YES		Mechanical Characteristics	Min. insulation resistance 5000 MΩ·km
Binder	Binder material	N/A			Nom. mutual capacitance ≤5.6nF/100m @1KHz
Shield	Individual shield & material	N/A			Nominal velocity of propagation 65%
	Primary overall shield & material	N/A			Outer jacket tensile strength ≥10Mpa
	Secondary overall shield & material	N/A	Outer jacket elongation≥125%		
	Shield coverage	N/A	Outer jacket aging condition 100°C x 168hrs		
	Drain wire	N/A	After aging, Tensile strength≥8Mpa		
Outer jacket	Outer jacket material	LSZH	After aging, Elongation≥100%		
	Outer jacket nominal thickness(mm)	0.6	Cold bend No crack (@-20°Cx4hrs)		
	Overall dimension (mm)	6.2±0.3	Hot impact NO Crack(@150°Cx4hrs)		
	Outer jacket color	Per customer request			
	Outer jacket rip cord	YES			
Part No.	IB-CAT6U-XX-L (XX = Color, BL=-BLUE, WH=WHITE, YL=YELLOW, PL=PURPLE)				