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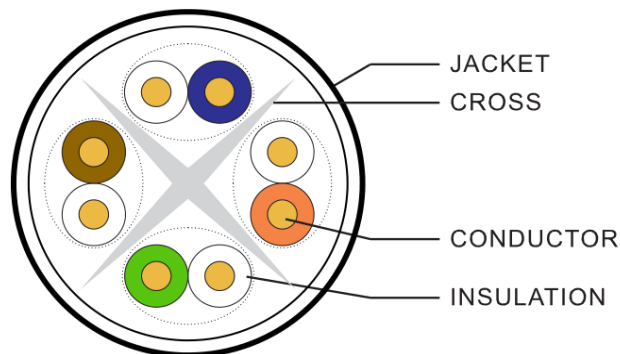
CAT.6 U/UTP AWG26

INSTALLATION CABLE



PRODUCT DESCRIPTION

- **Cable Specifications:**
CAT6 UTP 4 X 1P[26AWG(1/0.404mm±0.008mm BC)]+cross
LSZH JACKET OD: 4.6±0.20mm
- **Standard Reference:**
ISO/IEC 11801:201
ANSI/TIA-568.2-O
- **Physical characteristic**
Rated temperature: 75°C
Installation temperature: -20-60°C
Operating temperature: -20-75°C
Min bending radius:15xOD in Operation:10xOD after operation
Safety Characteristics:RoHS-2 2011/65/EU
- **Application**
Support 250MHz bandwidth
Support 1G Ethernet
Applied to data centers, servers, switches, wiring racks and other equipment connections



CABLE CONSTRUCTION

Conductor	Material	Solid Bare Copper
	Nom.O.D (mm)	1/0.404±0.008mm 26AWGx4P
Insulation	FMPE	HOPE
Average Thickness (mm)		
Insulation Dia. (±0.05mm)		
The cross - PE	0.25*2.70mm (±0.05mm/±0.1mm)	
Jacket LSZH	Average Thickness (mm)	0.5
	Outer Dia.(±0.20mm)	4.6
Marking	/	
Packaging length	305M/R	
Packaging method	Easy pull box	

CHARACTERISTICS

Conductor Resistance@20°C	≤ 178.9 Ω/km
Resistance Unbalance@20°C	≤ 5%

TECHNICAL PERFORMANCE

TIA CAT.6 Channel Test@ 50 meter			
Frequency (MHz)	Insertion Loss	RLMin (dB)	NEXT Min (dB)
1	3.0	19.0	65.0
4	4.0	19.0	63.0
8	5.7	19.0	58.2
10	6.3	19.0	56.6
16	8.0	18.0	53.2
20	9.0	17.5	51.6
25	10.1	10.1	50.0
31.25	11.4	16.5	48.4
62.25	16.5	14.0	43.4
100	21.3	12.0	39.9
200	31.5	9.0	34.8
250	35.9	8.0	33.1



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