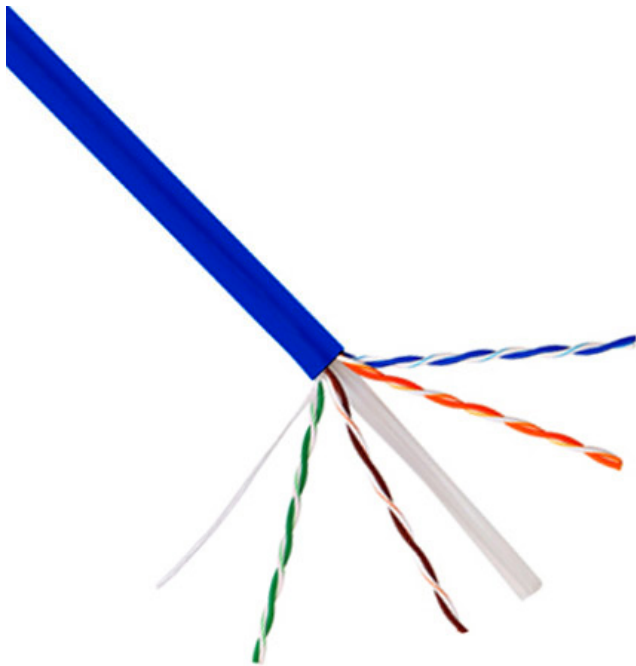


CABL SZ-CAT6 UTP CU FLUKE



CAT6 | UTP | PURE CU | 6.0MM | 305M

Manufacturer: [MPSAT](#)

Description

Description:
Unshielded **Pure copper** 99.99% cable, 4 pairs, category 6, solid

Conductor:

Diameter: 0.56 ± 0.005 mm (23 AWG)

Insulation:

Insulated conductor diameter: 1.02 ± 0.02 mm

Thickness: 0.2 mm

Material: HD-PE

Jacket:

Material: PVC

thickness: $0.5 \text{ mm} \pm 0.01 \text{ mm}$

diameter: 6.0 ± 0.2 mm

2. Electrical Characteristics						
Test Parameters	Unit	Test Result				
1. Temperature Rating	°C	70	70	70	70	70
2. Conductor Resistance	Ω/100m	<20	16.2	16.5	16.9	16.7
3. Resistance Unbalance	mF/100m	≤2	0.1	0.8	0.2	0.1
4. Dielectrical strength	/	1.0kV/DC, 1r	not breakdown	not breakdown	not breakdown	not breakdown
5. Insulation Resistance	MΩ·Km	≥5000	100000	100000	100000	100000
6. Impedance		1~100MHz	100Ω±15%			
7. Attenuation & Near end cross-talk		100~250MHz	100Ω±20%			
			Attenuation (dB/100M at20°C)MAX	Noise (dB) MIN	Power Sum (dB) MIN	
		1MHz	2.0"	83.8"	81.1"	
		4MHz	3.0"	79.5"	74.9"	
		10MHz	6.0"	76.0"	74.7"	
		10MHz	7.0"	86.0"	84.1"	
		20MHz	8.5"	84.4"	81.9"	
		31.25MHz	10.7"	84.2"	82.5"	
		62.5MHz	16.4"	80.2"	87.2"	
		100MHz	19.9"	87.1"	86.1"	
		155MHz	25.2"	82.6"	80.6"	
		235MHz	29.0"	83.1"	80.4"	
		250MHz	32.8"	44.6"	44.0"	