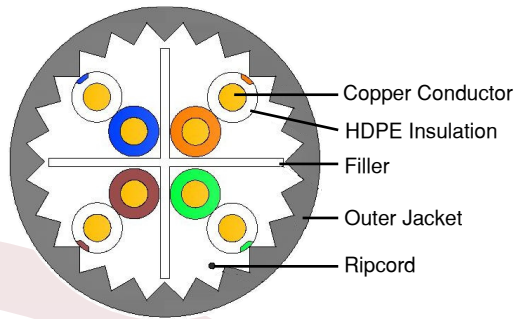


<b>Description:</b> <b>Product Description: 4P U/UTP CAT6A 23AWG PE LAN CABLE</b> <b>Reference standard: ANSI/TIA-568C.2 IEC61156 &amp; ISO/IEC 11801</b> <b>Rated temperature: 50°C</b> <b>Flame test:</b> <b>Color-coded PE insulation</b> <b>Solid copper</b> <b>PE jacket</b>	<b>Application:</b> <b>100 Base-TX</b> <b>100 Base-T</b> <b>1000 Base-T(Gigabit Ethernet)</b> <b>1000 Base-TX</b> <b>155Mbps ATM</b> <b>622Mbps ATM</b> <b>10Gb Ethernet</b>
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### Data Sheet

<b>Structure</b>	Construction	U/UTP		
	Number of pairs	4Pairs		
<b>Conductor</b>	AWG	23AWG		
	Material	Solid copper		
<b>Insulation</b>	Conductor dimension (mm)	0.57±0.01		
	Insulation Material	HDPE		
<b>Insulation</b>	Insulation dimension(mm)	1.0/1.03± 0.01		
	<b>Pairs</b>	1		White-Blue/Blue
2		White-Orange/Orange		
3		White-Green/Green		
4		White-Brown/Brown		
<b>Filler</b>	Filler material	YES	<b>Electrical Characteristics</b>	1--500MHz
<b>Binder</b>	Binder material	N/A		Max. delay skew ≤ 45/100m
<b>Shield</b>	Individual shield & material	N/A		Max. conductor resistance 95 Ω/km (@ 20°C)
	Primary overall shield & material	N/A		Max. conductor resistance unbalance 2.5% (@ 20°C)
	Secondary overall shield & material	N/A		Min. insulation resistance 5000 MΩ - km
	Shield coverage	N/A	Nom. mutual capacitance ≤5.6nF/100m @1KHz	
	Drain wire	N/A	Nominal velocity of propagation 79%	
<b>Outer jacket</b>	Outer jacket material	PE	<b>Mechanical Characteristics</b>	Outer jacket tensile strength ≥9.7Mpa
	Outer jacket nominal thickness(mm)	0.53±0.05		Outer jacket elongation ≥350%
	Overall dimension (mm)	6.8±0.2		Outer jacket aging condition 100°C x 168hrs
	Outer jacket colour	Black		After aging, Tensile strength ≥8Mpa
	Outer jacket rip cord	YES		After aging, Elongation ≥300%
<b>Packing</b>	305m/Drum or 500m/Drum		Cold bend No crack (@-20°Cx4hrs)	
<b>Part No:</b>	C6AUO2BK - CAT6A UTP 23AWG 4PAIR SOLID OUTDOOR LAN CABLE PE JACKET BLACK			Hot impact NO Crack(@150°Cx4hrs)