

## 022100: CABLE CAT6 U/UTP SOLID LSZH, CPR Dca

Description	Application
Product Description: 4P CAT6 U/UTP SOLID LSZH Reference standard: TIA/EIA 568.2-D, ISO/IEC 11801, EN50173, IEC 61156-6, RoHS, REACH Colour-coded PE insulation Solid bare copper LSZH violet/grey jacket	10-BaseT 100 Base-TX 100 Base-T 1 000 Base-T (Gigabit Ethernet) 1 000 Base-TX POE

<b>Structure</b>	Construction	U/UTP	
	Number of pairs	4Pairs	
<b>Conductor</b>	AWG	23/1 AWG	
	Material	Solid bare copper	
	Conductor dimension (mm)	0.57±0.008	
<b>Insulation</b>	Insulation Material	HDPE	
	Insulation dimension(mm)	1,02±0.02	
<b>Pairs</b>	1	White-Blue	
	2	White-Orange	
	3	White-Green	
	4	White-Brown	
<b>Filler</b>	Filler material	Cross skeleton	<b>Electrical Characteristics</b> 1--250MHZ Nominal velocity of propagation 69% Linear resistance ≤8.5 Ω/100m Insulation resistance ≥5000M Ω/km Mutual capacity 0.8kHz ≤5.6nF/100m Characteristic impedance 100±15 Ω Dielectric strength DC.1kV.1min no break  <b>Mechanical Characteristics</b> Working temperature -20 to +60°C Bending radius ≥8x outer D - - - - -
<b>Binder</b>	Binder material	-	
<b>Shield</b>	Individual shield & material	-	
	Primary overall shield & material	-	
	Secondary overall shield & material	-	
	Shield coverage	-	
	Shield coverage	-	
<b>Outer jacket</b>	Outer jacket material	LSZH 0-halogen	
	Outer jacket CPR	Dca	
	Overall dimension (H*L mm)	6.2MM±0.5	
	Outer jacket color	Light grey RAL7035	
	Outer jacket rip cord	Rip Cord	
<b>Packing</b>	Box 305 meters		
<b>Code</b>	022100		
<b>Marking</b>	CTnet premium™ 022100 KEG.X6L U/UTP LS0H 4PR AWG23/1 CAT6 ISO/IEC 11801 EN50575 Class Dca *meter mark*		

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**Information and Data may be changed without notice.**