

# 012100: CABLE CAT5E U/UTP SOLID LSZH

## Description

Product Description: 4P CAT5E U/UTP SOLID PVC  
 Reference standard: TIA/EIA 568C.2&ISO/IEC 11801,  
 UL 444:2017 Ed.5  
 Colour-coded PE insulation  
 Solid bare copper  
 LSZH jacket

## Application

10-BaseT  
 100 Base-TX  
 100 Base-T  
 1000 Base-T (Gigabit Ethernet)  
 1000 Base-TX

<b>Structure</b>	Construction	U/UTP	
	Number of pairs	4Pairs	
<b>Conductor</b>	AWG	24AWG	
	Material	Solid bare copper	
	Conductor dimension (mm)	0.51	
<b>Insulation</b>	Insulation Material	HDPE	
	Insulation dimension(mm)	0.88±0.02	
<b>Pairs</b>	1	White-Blue	
	2	White-Orange	
	3	White-Green	
	4	White-Brown	
<b>Filler</b>	Filler material	-	
<b>Binder</b>	Binder material	-	
<b>Shield</b>	Individual shield & material	-	
	Primary overall shield & material	-	
	Secondary overall shield & material	-	
	Shield coverage	-	
	Drain wire	-	
<b>Outer jacket</b>	Outer jacket material	PVC	
	Outer jacket CPR	Dca-s2-d2-a1	
	Overall dimension (H*L mm)	5.0MM	
	Outer jacket color	LIGHT GREY/ PURPLE	
	Outer jacket rip cord	Rip cord	
<b>Packing</b>	Box 305 meters		
<b>Code</b>	012100 PURPLE, 012100.01 LIGHT GREY		
<b>Marking</b>	CTnet premium™ 012100 UTP CAT5E 24AWG LSZH ISO/IEC 11801 EN50575:2014 Euroclass Dca - METRIC MARKING		
			<b>Electrical Characteristics</b> 1--100MHZ Linear resistance ≤9.5Ω/100m Nom. mutual capacitance ≤5.6nF/100m Unbalance capacity ≤160pF/100m Charakteristic impedance 100±15Ω Nominal velocity of propagation 66% - <b>Mechanical Characteristics</b> Working temperature -40 to + 70°C - - - -

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