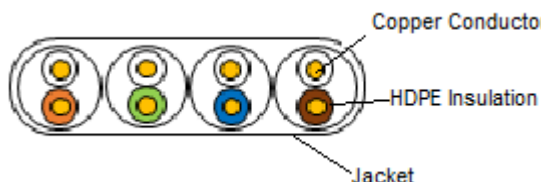


<b>Description:</b> <b>Product Description: 4P U/UTP CAT6 30AWG FLAT PATCH CABLE</b> <b>Reference standard: ANSI/EIA 568C.2 &amp; ISO/IEC 11801</b> <b>Rated temperature: 60 °C</b> <b>Colour-coded PE insulation</b> <b>Stranded bare copper</b> <b>PVC jacket</b>	<b>Application:</b> <b>100 Base-TX</b> <b>100 Base-T</b> <b>100VG-AnyLAN</b> <b>1000 Base-T(Gigabit Ethernet)</b> <b>1000 Base-TX</b> <b>155Mbps ATM</b> <b>622Mbps ATM</b>
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## Data Sheet

<b>Structure</b>	Construction	U/UTP		
	Number of pairs	4Pairs		
<b>Conductor</b>	AWG	30AWG		
	Material	Stranded bare copper		
	Conductor dimension (mm)	7/0.10±0.02		
<b>Insulation</b>	Insulation Material	HDPE	<b>Electrical Characteristics</b>	
	Insulation dimension(mm)	0.55±0.05		
<b>Pairs</b>	1	White-Blue		1--250MHZ
	2	White-Orange		Max. delay skew ≤ 50ns/100m
	3	White-Green		Max. conductor resistance 350Ω/km
	4	White-Brown		Max. conductor resistance unbalance 5%
<b>Filler</b>	Filler material	N/A		Min. insulation resistance 5000 MΩ km
<b>Binder</b>	Binder material	N/A		Nom. mutual capacitance ≤5.6nF/100m @1KHz
<b>Shield</b>	Individual shield & material	N/A		Nominal velocity of propagation 69%
	Primary overall shield & material	N/A		<b>Mechanical Characteristics</b>
	Secondary overall shield & material	N/A		
	Shield coverage	N/A	Outer jacket tensile strength ≥10Mpa	
Drain wire	N/A	Outer jacket elongation ≥125%		
<b>Outer jacket</b>	Outer jacket material	PVC	Outer jacket aging condition 100°C x 168hrs	
	Outer jacket nominal thickness(mm)	N/A	After aging, Tensile strength ≥8Mpa	
	Overall dimension (H*L mm)	1.7*6.0MM	After aging, Elongation ≥100%	
	Outer jacket colour	BLACK	Cold bend No crack (@-20 x4hrs)	
	Outer jacket rip cord	N/A	Hot impact NO Crack (@150 x4hrs)	
<b>Packing</b>	<b>Drums 500/1.000 meters</b>			
<b>Marking</b>	<b>As per customer request</b>			

**DATA SHEET NO. PRELIMINARY UTP FLAT  
REV. 0 03/07/19**

Information and Data may be changed without notice.