



# Category 6 Slim Patch Cord, Unshielded

#### Features & Benefits

- 1000BASE-T Ethernet applications
- Stranded conductors for flexibility and bending performance
- Strain relief protection boots
- Gold-plated and staggered pin design to reduce NEXT
- Available in different colors and lengths

### Compliance & Standards

- ANSI/TIA-568.2-D Category 6

## **Product Specifications**

### **Drawing**



Shielding		U/UTP
Pair		4
Color Code		P1: White-blue / Blue
		P2: White-orange / Orange
		P3: White-green / Green
		P4: White-brown / Brown
AWG		28AWG
Conductor	Structure	Standard Bare Copper
Insulation	Material	HDPE
Connector	Gold Plating	50u''
	Туре	RJ45 8P8C
	Assembly Type	Molding
	Durability	≥1000
Jacket	Material	PVC, LSZH, CM, CMR
	Color	Blue, Gray, Red, Yellow and Customize
	Diameter (mm)	3.8±0.3
Packaging		1 PC/Poly Bag
Installation Temperature Range		0°C~ + 50°C
Operating Temperature		-20°C~ + 60°C

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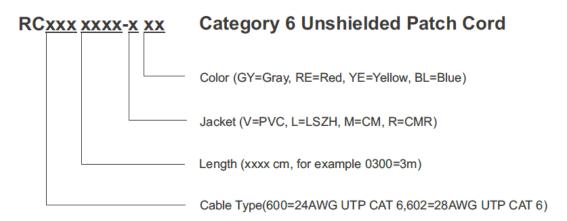
### **Mechanical Performance**

Cable Under the Minimum Tension		≥100N
Conductor Elongation		≥15%
Jacket Before Aging	Tensile Strength	≥10Mpa
	Elongation	≥125%
Minimum Bend Radius		4 x Overall Radius

#### **Electrical Performance**

DC Resistance Unbalance (%)	≤2.0%
Dielectric Strength Between Conductors	1.0Kv, 1min No Breakdown
Delay Skew	≤45ns/100m
Delay	≤555ns/100mm
Dielectric Strength	≥5000MΩ•km + 20°C DC (100-500)V

#### **Ordering Information**



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