



Category 6 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
- ISO/IEC 11801 Class E
- IEC 61156-6

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		24AWG
Conductor	Structure	Standard Bare Copper
Insulation	Material	HDPE
Connector	Gold Plating	50u"
	Type	RJ45 8P8C
	Assembly Type	Molding
	Durability	≥1000 times
Jacket	Material	PVC, LSZH, CM, CMR
	Color	Blue, Gray, Red, Yellow and Customize
	Diameter (mm)	6.0±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
Jacket Before Aging	Tensile Strength	≥10Mpa
	Elongation	≥125%

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

RCxxx xxxx-x xx

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