



Category 6A Patch Cord, Shielded

Features & Benefits

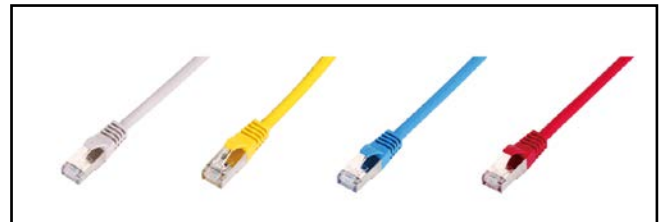
- 10 Gigabit, 10G Base - T Ethernet applications
- Individually shielded pair
- Stranded conductors for flexibility and bending performance
- Strain relief protection boots
- Gold-plated and staggered pin design to reduce NEXT
- Available in different colors and lengths
- 1000 Insertion Cycles (plug in/out) Durability
- Zero halogen, no corrosive gases IEC 60754-1(LSZH)
- Flame propagation IEC 60332-1(LSZH)
- Smoke density IEC 61034-1(LSZH)

Product Specifications

Shielding		S/FTP
Pair		4
Color Code		P1: White/ Blue; P2: White/ Orange P3: White/ Green; P4: White/ Brown
AWG		26
Conductor	Structure	Stranded Bare Copper
	Diameter	7/0.16±0.008mm
Insulation	Material	Physical Foamed PE
Shielding	Shield Type	Foil Tape and Braid Shield
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	6.2±0.3mm
Packaging		1 PC/Poly Bag
Installation Temperature Range		0°C~ + 50°C
Operating Temperature Range		-20°C~ + 60°C

Note: color and jacket type can be customized.

Drawing



Compliance & Standards

- ANSI/TIA/EIA-568.2-D Category 6A
- ISO/IEC 11801 Class Ea
- IEC 61156-6



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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
NVP 69%	69%

Ordering Information

RC680xxxx-x xx **Category 6A Shielded Patch Cord**

