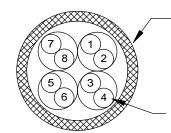


Applications

- Gigabit Ethernet 1000 Base-T
- Fast Ethernet 100 Base-T
- Ethernet 10 Base—T
- 4/16 Mbps Token Ring (802.5)
- 100 VG-Any Lan
- 100 Mbps; 55-155-622 Mbps (ATM)
- Voice
- High bandwidth applications
- Applications developed for operation over CAT6 or Class E cabling
- TIA PN-4657 Gigabit Ethernet over CAT6

Standards Compliance and Listings

- UL Listed Components
- Category 6 TIA/EIA-568-B-2.1



Jacket: PVC OD=5.3mm±0.3mm

Conductor: 24AWG (7/0.196±0.01mm) Bare Copper Insulation: $HD-PE \stackrel{\circ}{OD}=1.0\pm.05$ mm

Wire Map

Part Number Matrix

P1	Color	P2
1	White/Orange	1
2	Orange	2
3	White/Green	3
4	Blue	4
5	White/Blue	5
6	Green	6
7	White/Brown	7
8	Brown	8

CAT6-(LL)-(CC) Replace (LL) with length Replace (CC) with Jacket Color
JACKET COLOR CODE YE = YELLOW BK = BLACK RD = RED GR = GREEN BL = BLUE GY = GRAY WH = WHITE OR = ORANGE PU = PURPLE

Item	Description		
1	Cable: CAT6 UTP 24AWG (7/0.196±0.01mm) x 4P(Bare)	AR	
2	Connector: High Performance CAT6 RJ45 Long Body Plug	2	



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	esc:							
		CAT6	RJ45/45	Patch	Cord,	568B,	No	Boots

Sheet: 1/1	UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES-TOL ON: FRACTIONS: DECIMALS: ANGLES:
Unit: FT	:XXX805=1,
Scale; N/A	ANGLE PROJECTION

Uncontrolled Copy	Scale; N/A

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Drawing Date: 07/15/2008 | Checked By: D.Phillips