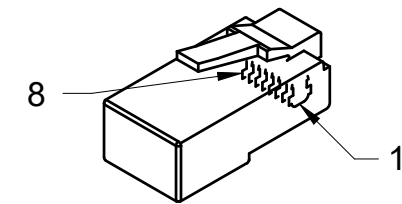
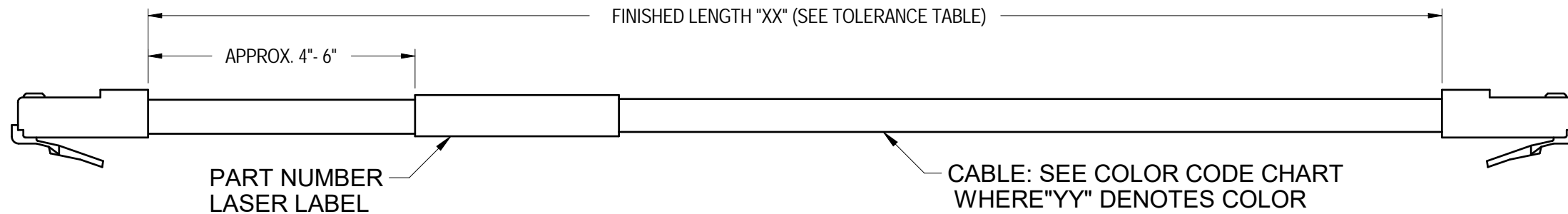


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AND ALL PRODUCT SPECIFICATIONS."

**UNCONTROLLED COPY**



CATEGORY  
PRODUCT CODE  
**PC SIX "XX" "YY"**  
(OCC PART NUMBER)  
LENGTH CODE  
COLOR CODE

**CORD CONSTRUCTION:**

CABLE OD: .224" (NOM)  
PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS  
CONDUCTOR: 24 AWG 7/32 STRANDED TINNED COPPER .024" NOM OD  
INSULATION: HD POLYETHYLENE .040" NOMINAL DIAMETER  
JACKET: FLAME-RETARDANT PVC, CM  
UNSHIELDED

**MODULAR PLUGS:**

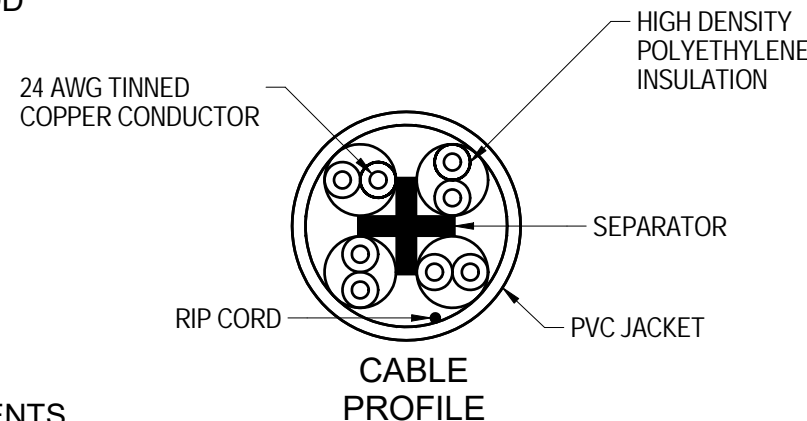
HOUSING: POLYCARBONATE UL 94V-0  
CONTACTS: 50µIN GOLD PLATED  
CONFORMS TO TIA-968-A

OPERATING TEMPERATURE RANGE: -20°C to 75°C

MEETS CATEGORY 6 PERFORMANCE AND MECHANICAL REQUIREMENTS  
FOR PATCH CORDS AS DEFINED BY ANSI/TIA 568.2

**APPLICATIONS:**

- 2.5/5GBASE-T
- 10/100/1000BASE-T
- SUPPORTS ALL IEEE STANDARDS FOR DC POWER DELIVERY OVER 4-PAIR CABLING WHEN INSTALLED IN ACCORDANCE WITH TIA TELECOMMUNICATION SYSTEMS BULLETIN TSB-184-A, GUIDELINES FOR SUPPORTING POWER DELIVERY OVER BALANCED OVER BALANCED TWISTED-PAIR CABLING.
- ANY APPLICATION DESIGNED TO OPERATE OVER CATEGORY 6 CABLING SYSTEMS.



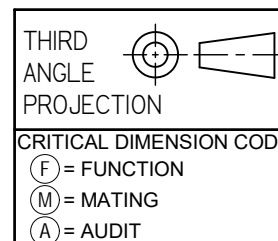
FINISH LENGTH	TOLERANCE
0 - 10'	+2" / - 0"
10' 1" - 20'	+3" / - 0"
20' 1" - >'	+6" / - 0"

WIRE MAP	
PLUG CONTACT NO.	WIRE COLOR
1	WH/OR
2	OR/WH
3	WH/GN
4	BL/WH
5	WH/BL
6	GN/WH
7	WH/BN
8	BN/WH

COLOR CODE (NUMERIC)	
01	= YELLOW
02	= BLACK
03	= RED
04	= GREEN
05	= BLUE
06	= GRAY
07	= WHITE
08	= ORANGE
09	= BROWN
10	= PURPLE

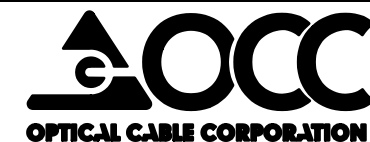
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONS ±1/32" ANGLES ±1/2° 3 PLACE DECIMALS ±.015" 2 PLACE DECIMALS ±.03"

THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF OPTICAL CABLE CORPORATION AND MAY NOT BE USED AS THE BASIS FOR MANUFACTURE OR SALE WITHOUT SPECIFIC WRITTEN PERMISSION OF OPTICAL CABLE CORPORATION.



MATERIAL	SEE NOTES
FINISH	SEE NOTES

DRAWN	D.A.HOLBERT	DATE	12/12/05
CHECKED	R.B.SMITH	DATE	12/16/05
ENGINEER	J. YANIK	DATE	12/12/05
APPROVED	J. HOWE	DATE	12/16/06
PREVIOUS DWG			
NEXT DWG		FILENAME	C107273.dft



33 Superior Way  
Swannanoa, NC 28778  
Phone: 828-298-2260  
Fax: 828-298-2487  
www.occfiber.com

DWG TITLE		<b>UNSHIELDED PATCH CORD, T568B, CATEGORY 6, OCC</b>	
SIZE	DWG NO.	REV	
B	<b>C107273</b>	B	
SCALE:	NONE	SHEET	1 OF 1