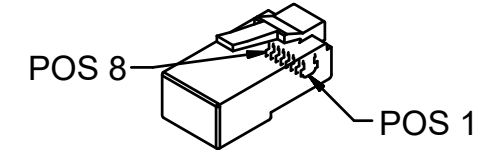
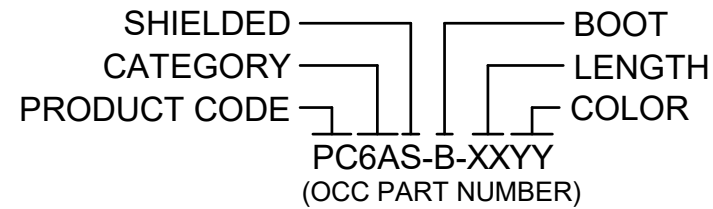
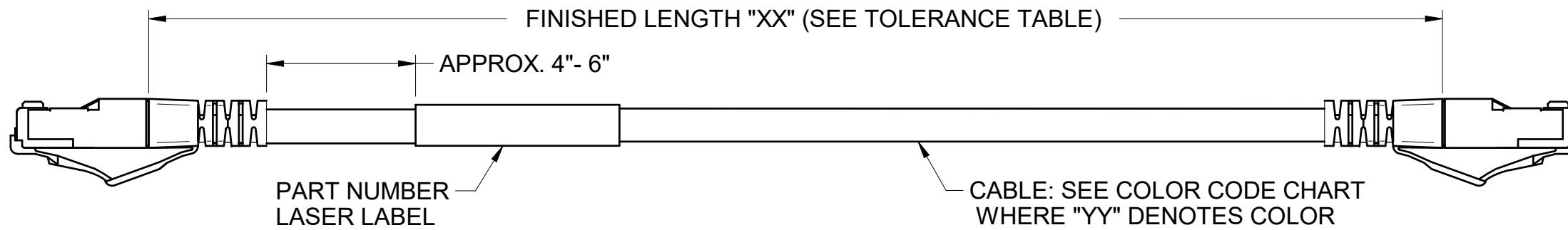


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CORD CONSTRUCTION:

CABLE OD: .235" (NOM.), .242" (MAX.)
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS
 CONDUCTOR: 26 AWG 7/34 STRANDED TINNED COPPER .019" NOM OD
 INSULATION: POLYOLEFIN .009" NOM. WALL THICKNESS, .036 NOMINAL DIAMETER
 JACKET: POLYVINYLCHLORIDE, .024" NOM. WALL THICKNESS, CMR
 SHIELD: AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) WITH A 26 AWG 7/34 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH METALIZED SURFACE SHALL BE APPLIED OVER THE CABLE CORE.

MODULAR PLUGS:

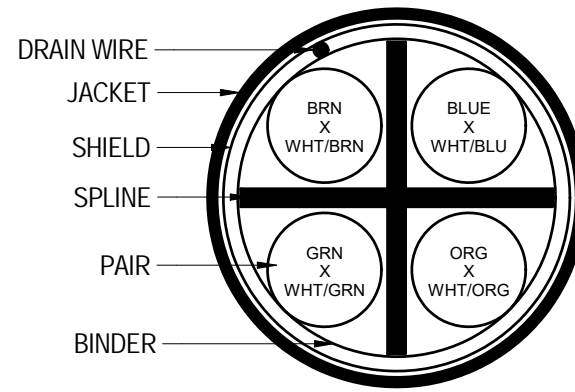
HOUSING: POLYCARBONATE UL 94V-0
 CONTACTS: 50µIN GOLD PLATED
 CONFORMS WITH TIA-968-A

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

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

APPLICATIONS:

- 2.5/5/10GBASE-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 6A CABLING SYSTEMS.



CABLE PROFILE

| 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

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

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.



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



THIRD ANGLE PROJECTION
 CRITICAL DIMENSION CODE
 (F) = FUNCTION
 (M) = MATING
 (A) = AUDIT

| | |
|----------|-----------|
| MATERIAL | SEE NOTES |
| FINISH | SEE NOTES |

| | | | |
|--------------|--------------|----------|--------------|
| DRAWN | D.A. Holbert | DATE | 09/17/09 |
| CHECKED | R.B. Smith | DATE | 09/18/09 |
| ENGINEER | J. Yanik | DATE | 09/17/09 |
| APPROVED | D. Ingle | DATE | 09/18/09 |
| PREVIOUS DWG | | | |
| NEXT DWG | | FILENAME | C109977B.dft |

| | | | | | |
|-----------|---------|-------|---|--|--|
| DWG TITLE | | | SHIELDED PATCH CORD, T568B, CATEGORY 6A, OCC, W/BOOTS | | |
| SIZE | DWG NO. | REV | | | |
| B | C109977 | B | | | |
| SCALE: | NONE | SHEET | 1 OF 1 | | |