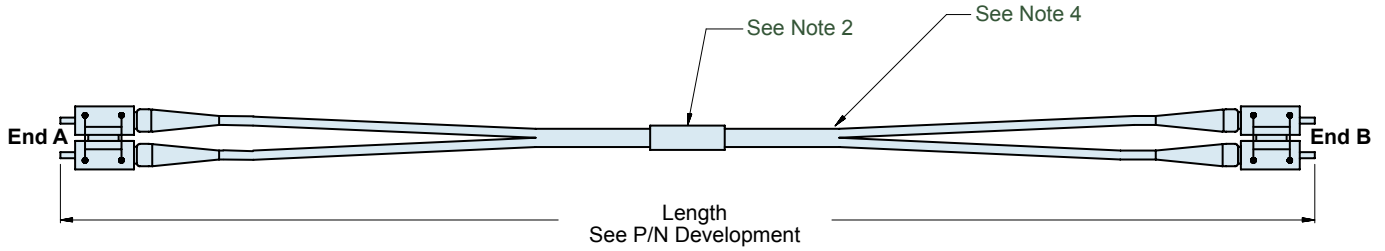


FO1007 Fiber Optic Patch Cord Duplex



FO1007 - 1 - 1 - XXXX - 09 A X

Basic Number

Connector/Terminus Type

- 0 = ST Connector, M83522/16 Style
- 1 = SC Connector
- 2 = LC Connector
- 3 = MT-RJ Male Connector
- 4 = MT-RJ Female Connector
- 5 = Glenair Pin Terminus M295040/4 Style (181-002)
- 6 = Glenair Socket Terminus M29504/05 Style (181-001)
- 7 = ST Connector
- 8 = FC Connector
- 9 = Customer Specified
- 10 = GHD Terminus, PC (181-047)
- 11 = Glenair GFR Pin Terminus (181-012)
- 12 = Glenair GFR Socket Terminus (181-011)
- 13 = Left Blank for Future Use
- 14 = Glenair Pin Terminus, M29504/14 Style (181-039)
- 15 = Glenair Socket Terminus, M29504/15 Style (181-040)

X = Cross Wired TX to RX and RX to TX (MTRJ Only; See Note 5)
Omit for Normal

Temperature Rating

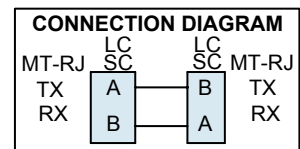
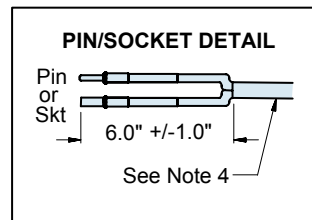
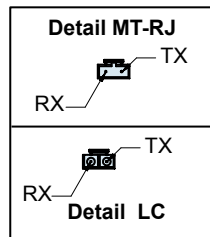
- A = -40°C to +85°C
- B = -55°C to +125°C
- C = Customer Specified (See Note 3)

Fiber Size

- 05 = 5.8/125 Singlemode
- 07 = 7.5/125 Singlemode
- 09 = 9.3/125 Singlemode
- 50 = 50/125 Multimode
- 62 = 62.5/125 Multimode
- 10 = 100/140 Multimode
- 20 = 200/230 Multimode
- 1K = 1000um Multimode
- CS = Customer Specified Singlemode
- CM = Customer Specified Multimode

Length (Inches)

Standard Tolerance	
Length	Tolerance
5 in to 2 ft.	+1 in -0
2 to 10 ft.	+3 in -0
10 to 50 ft.	+6 in -0
50 to 100 ft.	+1 ft -0
100 ft. and up	+2 ft -0



Application Notes

1. Optical performance: insertion loss to be less than 1.5 dB when measured at 850 nm wavelength for Multimode and 1310 nm wavelength for Singlemode.
2. Assembly is marked with the Glenair P/N, located approx. in the center.
3. "A" Temperature rating use TRA-BOND F113 Epoxy. "B" Temperature rating use EPO-TEK 353ND Epoxy. "C" Temperature rating as per customer specification.
4. When using simplex cable apply heat shrink as needed to combine both fibers leaving approx. 6.0" on each end open.
5. MTRJ'S are connected per connections diagram unless cross wired is specified in P/N description.
6. Metric dimensions (mm) are indicated in parentheses.
7. For angle polish, add "A" to end of Connector/Terminus Type Number (otherwise omit). Type numbers, 4, 5, 11, 12, 14, and 15 do not allow angle polish.
8. For military qualified product, add "M" to end of Connector/Terminus Type number (otherwise omit). Type number 4, 5, 14, and 15 only.