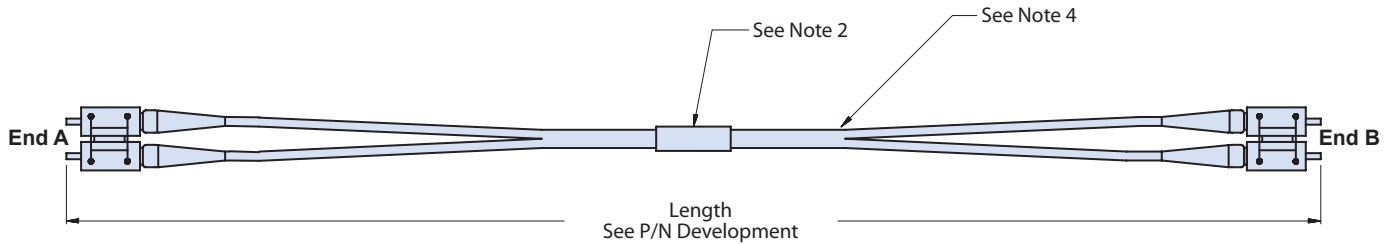


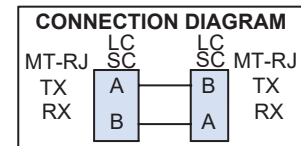
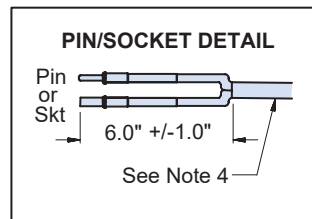
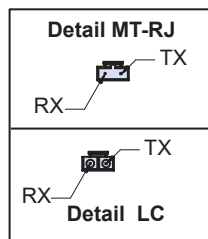
### Duplex FO1007 Fiber Optic Patch Cord

KITS AND TOOLS



HOW TO ORDER	
Sample Part Number	FO1007 1-1 XXXX 09 A X
Basic Number	FO1007 Fiber Optic Patch Cord
Connector/Terminus Type	0 – ST Connector, M83522/16 Style 1 – ST Connector 2 – FC Connector 3 – SC Connector 4 – Glenair Socket Terminus M29504/05 Style (181-001) 5 – Glenair Pin Terminus M29504/04 Style (181-002) 6 – SMA Connector (906) 7 – LC Connector 8 – SMA Connector (905) 9 – Customer Specified 10 – Glenair GHD Terminus (181-047) 11 – Glenair GFR Pin Terminus (181-012) 12 – Glenair GFR Socket Terminus (181-011) 13 – Glenair GHD Terminus, PC Only (181-056) 14 – Glenair Pin Terminus, M29504/14 Style (181-039) 15 – Glenair Socket Terminus, M29504/15 Style (181-040)
Length	In Inches
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
Temperature Rating	A – -40°C to +85°C B – -55°C to +125°C C – Customer Specified (See Note 3)
MTRJ	X = Cross Wired TX to RX and RX to TX (MTRJ Only; See Note 5) Omit for Normal

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

- 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.
- Assembly is marked with the Glenair P/N, located approx. in the center.
- "A" Temperature rating use TRA-BOND F113 Epoxy. "B" Temperature rating use EPO-TEK 353ND Epoxy. "C" Temperature rating as per customer specification.
- When using simplex cable apply heat shrink as needed to combine both fibers leaving approx. 6.0" on each end open.
- MTRJ'S are connected per connections diagram unless cross wired is specified in P/N description.
- Metric dimensions (mm) are indicated in parentheses.
- 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.
- For military qualified product, add "M" to end of Connector/Terminus Type number (otherwise omit). Type number 4, 5, 14, and 15 only.