



PRIZM MT expanded beam catalog assemblies with Glenair Signature SuperNine[®] connectors are available in environmental point-to-point or inside-the-box breakout configurations, with ribbon fiber terminated to MT ferrules or to commercial fiber optic connectors.

- Connector to ribbon fiber with MT ferrule breakouts for inside-the-box applications
- Connector with adapter backshell and strain-relief conduit with commercial F/O connector breakout
- Connector to ribbon fiber with commercial F/O breakouts for inside-the-box applications
- Connector-to-connector jumper with environmentally-protective strain relief conduit

FA09947 Turnkey Breakout and Point-To-Point Assemblies

HOW TO ORDER	
Sample Part Number	FA09947 -G6 1111 N 12 ME B12 62 0036 L -K
Basic Number	PRIZM [®] MT cable assembly
A Connector Type	G6 = Plug, With EMI/RFI/Ground Spring H7 = Receptacle, Wall Mount With Round Holes (Standard) S7 = Receptacle, Wall Mount With Slotted Holes CM = Receptacle, Wall Mount With Metric Clinch Nuts CS = Receptacle, Wall Mount With Standard Clinch Nuts HM = Receptacle, Wall Mount With Metric Helicoil HS = Receptacle, Wall Mount With Standard Helicoil 05 = Receptacle, In-Line 08 = Receptacle, Jam Nut Mount
Shell Size/Insert Arrangement	111C = Size 11 Arrangement 1 Code C (C = 1, 2, 3 Per Table II) 132C = Size 13 Arrangement 2 Code C (C = 1, 2, 3 Per Table II) 153C = Size 15 Arrangement 3 Code C (C = 1, 2, 3 Per Table II) 174C = Size 17 Arrangement 4 Code C (C = 1, 2, 3 Per Table II) (See Insert Cavity Clocking Orientation table)
Key Position	A, B, C, D, E, N = Normal, U = Universal
B Connector Type	G6 = Plug, With EMI/RFI/Ground Spring H7 = Receptacle, Wall Mount With Round Holes (Standard) S7 = Receptacle, Wall Mount With Slotted Holes CM = Receptacle, Wall Mount With Metric Clinch Nuts CS = Receptacle, Wall Mount With Standard Clinch Nuts HM = Receptacle, Wall Mount With Metric Helicoil HS = Receptacle, Wall Mount With Standard Helicoil 05 = Receptacle, In-Line 08 = Receptacle, Jam Nut Mount 12 = ST Connector 13 = FC Connector 14 = SC Connector 15 = GC Connector 16 = LC Connector 17 = MT Prizm Ferrule
Material/Finish Code	See Material and Finish table
Number of Fibers per Prizm	B12 = 12 Bare Ribbon Fiber B32 = 32 Bare Ribbon Fiber R24 = 24 Round Ribbon Fiber B16 = 16 Bare Ribbon Fiber R12 = 12 Round Ribbon Fiber R32 = 32 Round Ribbon Fiber B24 = 24 Bare Ribbon Fiber R16 = 16 Round Ribbon Fiber
Fiber Size	OM3 = 50/125um OM3 OM4 = 50/125um OM4 62 = 62.5/125um
Length in Inches	See Standard Tolerance table
Protective Covers	L = Less Covers Omit = with Covers
Conduit Material	E = ETFE, Tefzel P = PFA, Teflon K = PEEK F = FEP, Teflon T = PTFE R = High Temperature Thermarex, 300°C (Omit For Less Conduit)

PRIZM[®] MT and MT Elite[®]

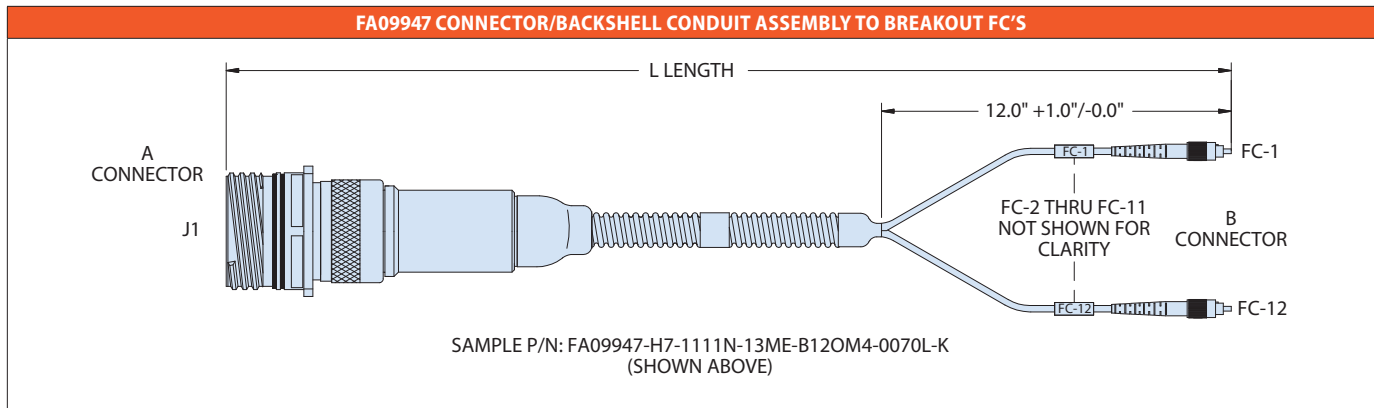
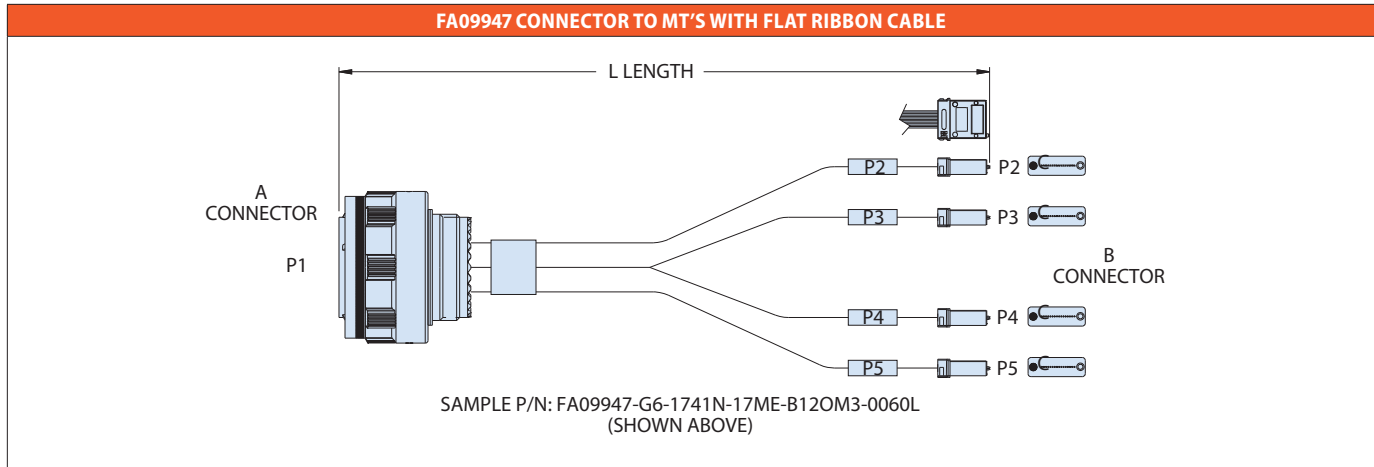
MATERIAL AND FINISH		
Code	Material	Finish Description
ME	Aluminum Alloy	Electroless Nickel
MT		Nickel-PTFE, Grey
NF		Cadmium, Olive Drab
TZ		Tin-Zinc, Green/Gold
ZR		Zinc-Nickel, Black
XM	Composite	Electroless Nickel
XW		Cadmium, Olive Drab
Z1	Stainless Steel	Passivate
ZL		Electro-Deposited Nickel

STANDARD-TOLERANCE	
Length	Tolerance
Up to 24 In	+1 In -0
24 Up to 120 In	+3 In -0
120 Up to 600 In	+6 In -0
600 Up to 1200 In	+12 In -0
1200 In and Up	+24 In -0

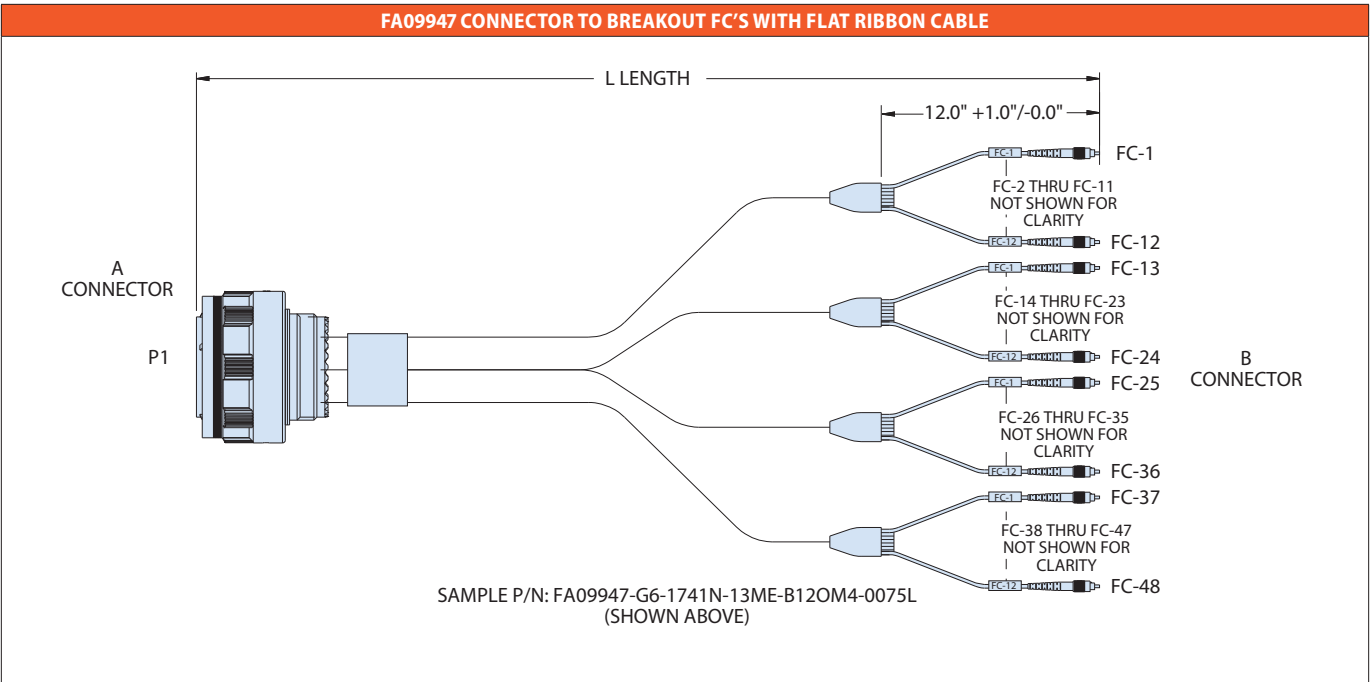
INSERT CAVITY CLOCKING ORIENTATION				
Code	Shell Size-Arrangement	Shell Size-Arrangement	Shell Size-Arrangement	Shell Size-Arrangement
	11-1	13-2	15-3	17-4
1				
2				
3				

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