

# Series 806 Mil-Aero Connectors

## 337V\*014 Fiber Optic Composite Fiber-Con™ Connector Backshells



Series 37 Fiber-Con environmental composite backshells with swept 45° and 90° profiles are ideal for fiber media routing. Backshells offer a full range of connector-to-conduit adapters. Anti-decoupling device for improved vibration resistance, and detents to allow for axial positioning of backshell for improved cable routing. Special wire grommet ensures axial alignment of fiber media. Optional purple color readily identifies fiber runs (purple conduit also available).

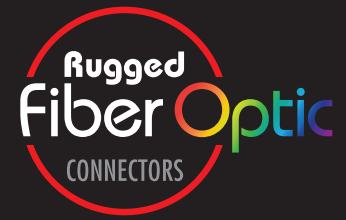
How To Order 440V Environmental Backshell								
SAMPLE PART NUMBER	377V	S	014	XM	11-10	06	4	T
<b>Product</b>	377V = Series 806 Backshell							
<b>Angular Function</b>	S = Straight W = 90° Solid Elbow T = 45° Solid Elbow							
<b>Basic No.</b>	014							
<b>Finish Code</b>	See Table I							
<b>Shell Size - Insert Arrangement</b>	11-10, 16-31, 18-41, 20-55, 22-69, 24-92							
<b>Optional Entry Size</b>	See Table II; omit for standard. Table I not applicable to SYM G							
<b>Length</b>	Length in 1/2 inch increments (e.g. 4 = 2 inches)							
<b>Adapter Options</b>	Sym G = Gland nut Sym T = Tubing adapter, Glenair Types E, F, P & T Sym K = Tubing adapter with nut, Glenair peek Sym TB = Tubing adapter supplied with band, Glenair Types E, F, P & T Sym TN = Tubing adapter with nut, Glenair Types E, F, P & T Omit for standard shrink boot adapter							

### NOTES

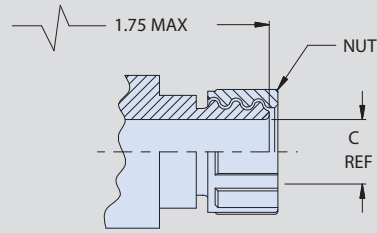
- Glenair 600 Series backshell assembly tools are recommended for assembly and installation
- Standard Min. Order Length 1.5 inch, consult factory for shorter lengths
- For sealing plugs see Glenair drawing 687-142
- Material:
  - Adapters, elbows, ferules, coupling nut, nut: high-grade engineering thermoplastic/see Table I
  - Grommet, O-ring: fluorosilicone/N/A.
  - anti-decoupling device: corrosion resistant material/N.A.

Table I		
SYM	FINISH DESCRIPTION	COMPONENTS
-	Dash (-) for no plating	Adapter, coupling nut & RFI nut
XB	No plating - black color	Adapter, coupling nut & RFI nut
XM	1000 Hour corrosion resistant electroless nickel	Adapter & RFI nut
	No plating - amber color	Coupling nut & rear components
XW	1000 Hour corrosion resistant Cad/O.D. Over electroless nickel	Backshell
	No plating - amber color	Coupling nut & rear components
XMT	Copper flash - gps52-xmt (JCP-3)	
XV	No plating - black or purple color (Mfg option)	Body & rear adapter
	No plating - purple color	Coupling nut & rear nut

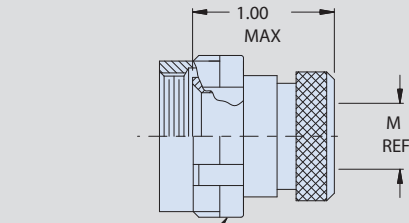
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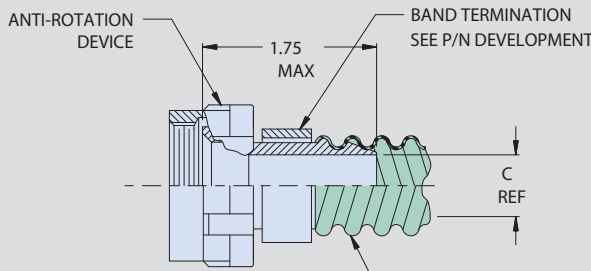
## 337V\*014 Fiber Optic Composite Fiber-Con™ Connector Backshells



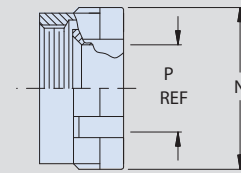
**SYM K** - PEEK TUBING ADAPTER WITH NUT  
**SYM TN** - PLASTIC TUBING ADAPTER WITH NUT



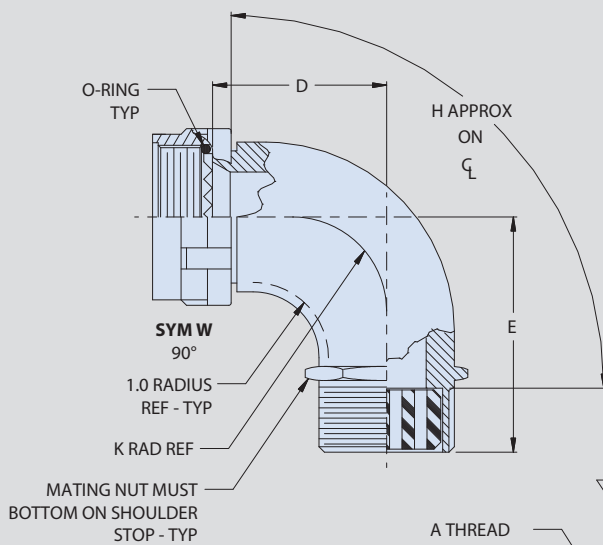
ANTI-ROTATION DEVICE  
SHRINK BOOT ADAPTER (STD.)



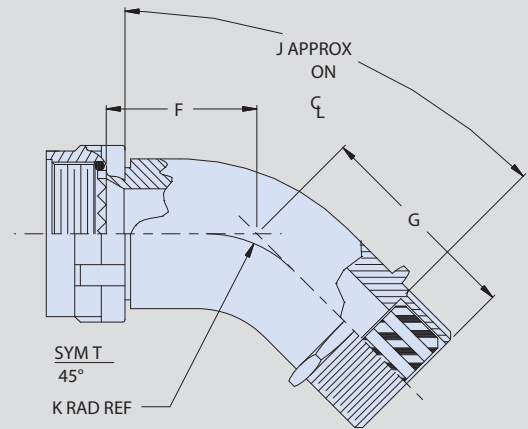
**SYM T** - TUBING ADAPTER  
SPLIT HELICAL CONVOLUTED TUBING (NOT SUPPLIED)



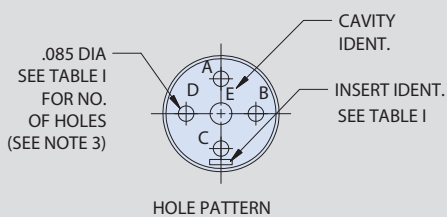
**SYM G**  
GLAND NUT



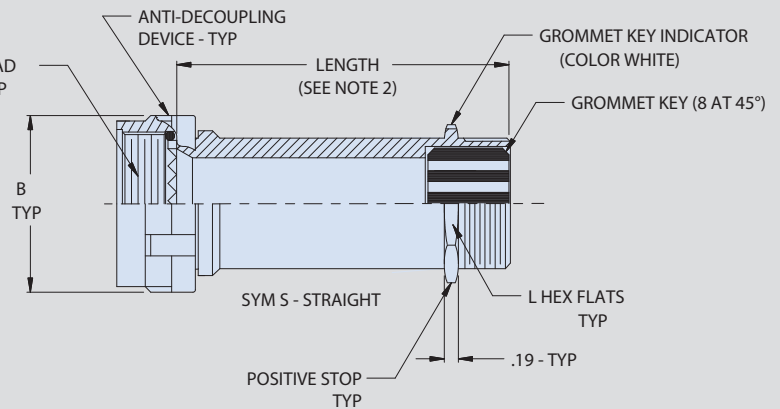
**SYM W**  
90°



**SYM T**  
45°



HOLE PATTERN



**SYM S** - STRAIGHT



# Series 806

## Mil-Aero Connectors

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Dimensions																
SHELL SIZE	A THD ISO METRIC	B MAX	STD CONDUIT SIZE REF.	D MAX	E	F MAX	G MAX	H APPROX	J APPROX REF	K	L FLATS	M REF	N MAX	P REF	NO. OF HOLES	MAX ALT STD ENTRY
11-10	M15 X 1 - 6H	1.00 (25.40)	3/8	1.78 (45.21)	1.93 (49.02)	1.33 (33.78)	1.56 (39.62)	2.23 (56.64)	2.09 (53.09)	1.20 (30.48)	0.938 (23.83)	0.32 (8.13)	1.38 (35.05)	0.53 (13.46)	10	08
16-31	M22 X 1 - 6H	1.25 (31.75)	1/2	1.90 (48.26)	2.08 (52.83)	1.45 (36.83)	1.68 (42.67)	2.45 (62.23)	2.33 (59.18)	1.32 (33.53)	0.938 (23.83)	0.54 (13.72)	1.38 (35.05)	0.53 (13.46)	31	08
18-41	M25 X 1 - 6H	1.38 (35.05)	5/8	1.97 (50.04)	2.14 (54.36)	1.51 (38.35)	1.74 (44.20)	2.47 (62.74)	2.44 (61.98)	1.38 (35.05)	1.250 (31.75)	0.76 (19.30)	1.56 (39.62)	0.77 (19.56)	41	11
20-55	M28 X 1 - 6H	1.50 (38.10)	3/4	2.11 (53.59)	2.18 (55.37)	1.54 (39.12)	1.77 (44.96)	2.54 (64.52)	2.50 (63.50)	1.43 (36.32)	1.250 (31.75)	0.76 (19.30)	1.56 (39.62)	0.77 (19.56)	55	11
22-69	M31 X 1 - 6H	1.62 (41.15)	7/8	2.07 (52.58)	2.25 (57.15)	1.61 (40.89)	1.84 (46.74)	2.64 (67.06)	2.64 (67.06)	1.49 (37.85)	1.500 (38.10)	1.00 (25.40)	1.81 (45.97)	1.00 (25.40)	69	15
24-92	M34 X 1 - 6H	1.75 (44.45)	1	2.14 (54.36)	2.31 (58.67)	1.67 (42.42)	1.89 (48.01)	2.76 (70.10)	2.75 (69.85)	1.55 (39.37)	1.500 (38.10)	1.00 (25.40)	1.81 (45.97)	1.00 (25.40)	92	15

Table II				
Entry Size	C Ref Sym T & TN	C Ref Sym K	Optional Conduit Size Ref.	M Ref Std
03	0.188 (4.78)	0.188 (4.78)	9/32	0.19 (4.83)
04	0.236 (5.99)	-	5/16	0.25 (6.35)
05	0.250 (6.35)	0.265 (6.73)	3/8	0.32 (8.13)
06	0.338 (8.59)	0.330 (8.38)	7/16	0.38 (9.65)
07	0.398 (10.11)	0.390 (9.91)	1/2	0.44 (11.18)
08	0.523 (13.28)	0.515 (13.08)	5/8	0.54 (13.72)
10	0.648 (16.46)	0.640 (16.26)	3/4	0.63 (16.00)
11	0.648 (16.46)	0.640 (16.26)	3/4	0.76 (19.30)
13	0.778 (19.76)	0.765 (19.43)	7/8	0.88 (22.35)
15	0.875 (22.23)	0.890 (22.61)	1	1.00 (25.40)
17	1.078 (27.38)	1.125 (28.58)	1 1/4	1.13 (28.70)