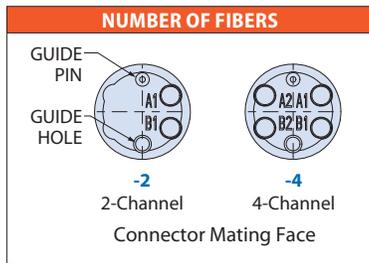


Eye-Beam™ GMA
185-002-70 and -71 Wall-Mount Receptacles

RUGGED FIELD / EXPANDED BEAM



- NOTES**
- Square flange connector can be installed as front panel mount or rear panel mount by installing an O-ring in the proper groove / side of the flange.
 - Panel thickness for square flange connector to be 6mm max.

- OPTICAL PERFORMANCE**
- <1.0dB at 850nm multimode
 - <1.5dB at 1310nm singlemode

- MATERIALS**
- Ferrule: Zirconia ceramic
 - Terminus body: Stainless steel / passivate
 - Compression spring: Stainless steel/passivate
 - O-ring: Nitrile rubber

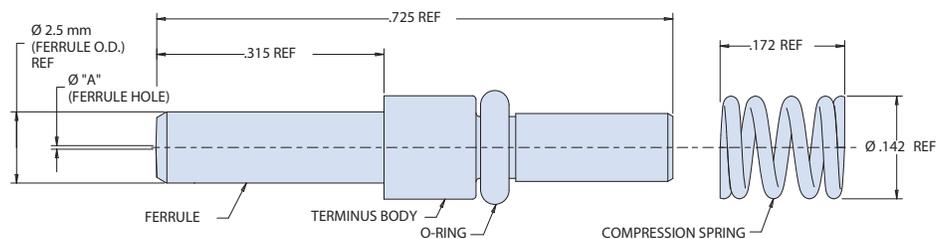
NOTE: Eye-Beam GMA connectors are sold as parts of complete assemblies. Individual connectors require specialized termination, assembly, and cleaning processes. Customers are advised to consult with Glenair's fiber optic application engineering team before purchasing.

HOW TO ORDER							
Sample Part Number	185-002	-70	G	-4	B	90	L
Basic number	GMA Fiber Optic connector series						
Connector Type	70 = Receptacle, wall mount, low profile 71 = Receptacle, wall mount, extended backend						
Material/Finish	ZR = Al Alloy / Zinc-Nickel black						
Number of Channels	2 = 2 channels 4 = 4 channels						
Operating Wavelength	A = Multimode dual wavelength, 850 / 1300 nm. B = Singlemode, 1310 nm. C = Singlemode, 1550 nm. D = Singlemode dual wavelength, 1310 / 1550 nm.						
Cable Diameter	See Cable Diameters Table						
Termini Option	L = Less termini, order termini separately T = Termini included in same quantity as number of channels (order connectors less termini (option L) for best / fastest availability)						

CABLE DIAMETERS		
Dash No.	Ø "A" Max Cable Dia. for Receptacle, Low Profile	Ø "B" Max Cable Dia. for Receptacle, Extended Backend
10	.039 (1.0) buffered fiber	
20	.082 (2.1) simplex cable	
30		2X .118 (3.0)
40		4X .118 (3.0)
50		.126 (3.2)
60		.165 (4.2)
70		.197 (5.0)
80		.216 (5.5)
90		.236 (6.0)

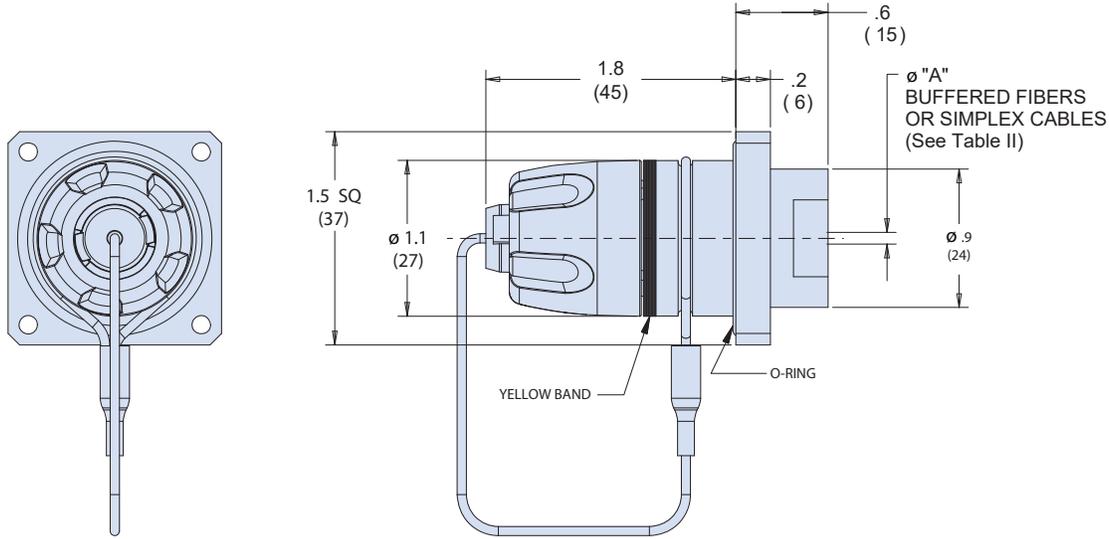
HOW TO ORDER GMA TERMINI		
Sample Part Number	181-101	-1253
Basic number	Terminus for GMA connector	
Dash Number	See Dash No. Table	

DASH NO.		
Dash No.	Ø A (microns)	Fiber Size Core/Cladding (microns)
-1253	125.3	9/125 (singlemode)
-1260	126.0	50/125 and 62.5/125 (multimode)
Consult factory for additional sizes		

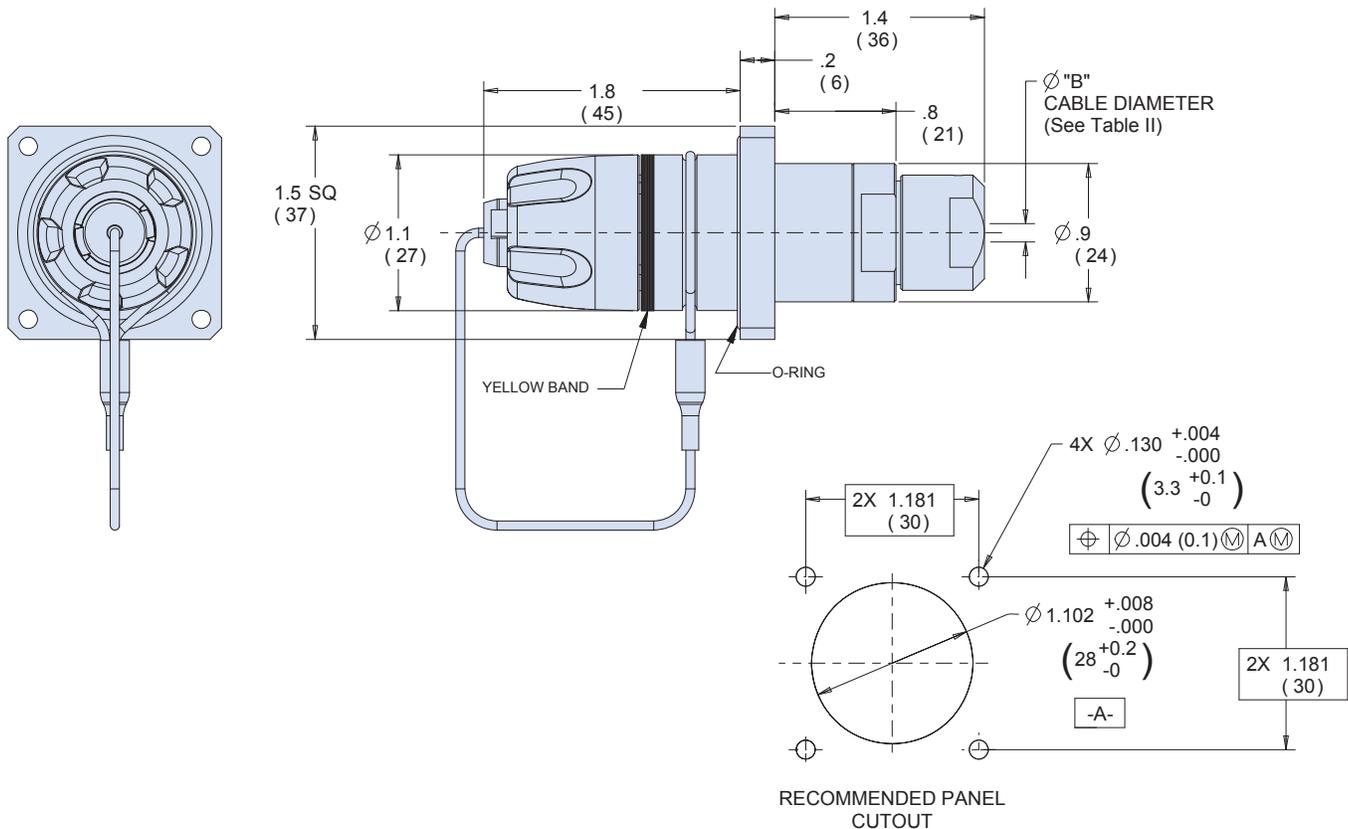


**Eye-Beam™ GMA
 185-002-70 and -71 Wall-Mount Receptacles**

185-002-70 LOW-PROFILE WALL MOUNT RECEPTACLE



185-002-71 WALL MOUNT RECEPTACLE WITH EXTENDED BACKEND



RUGGED FIELD / EXPANDED BEAM