

SERIES 185-002 EYE-BEAM® GMA MIL-DTL-83526 /20 & /21 compliant hermaphroditic expanded beam connectors



| How To Order | | | | | | | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------|-----------|----------|-----------|----------|
| Sample Part Number | 185-002 | -60 | G | -4 | B | 90 | L |
| Basic number | GMA Fiber Optic connector series | | | | | | |
| Connector Type | 60 = Plug, hermaphroditic, in-line 70 = Receptacle, wall mount, low profile 71 = Receptacle, wall mount, extended backend 80 = Receptacle, jam nut mount, low profile 81 = Receptacle, jam nut mount, extended backend | | | | | | |
| Material/Finish | Plug G = Al Alloy / hard anodize | | Receptacle 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 Table II | | | | | | |
| 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) | | | | | | |

NOTES

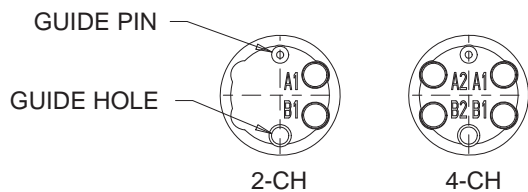
Dimensions in Inches (millimeters) and are subject to change without notice.

GMA connectors can be ordered with or without termini, see P/N development. Termini can be ordered separately, see Glenair dwg. 181-101 Consult factory for additional Connector Types, Materials/Finishes, and Cable Diameters

| Dash No. | Ø "A" Max Cable Dia. for Receptacle, Low Profile | Ø "B" Max Cable Dia. for Receptacle, Extended Backend | Ø "C" Max Cable Dia. for Plug |
|-----------|--------------------------------------------------|-------------------------------------------------------|-------------------------------|
| 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) | .126 (3.2) |
| 60 | | .165 (4.2) | .165 (4.2) |
| 70 | | .197 (5.0) | .197 (5.0) |
| 80 | | .216 (5.5) | .216 (5.5) |
| 90 | | .236 (6.0) | .236 (6.0) |

Consult factory for other cable sizes

185-002 INSERT ARRANGEMENTS (Number of Channels)



CONNECTOR MATING FACE
(There is a rotational relationship between D Flat and the connector mating face on jam nut receptacles)

CONNECTOR MATING FACE