



Glenair®

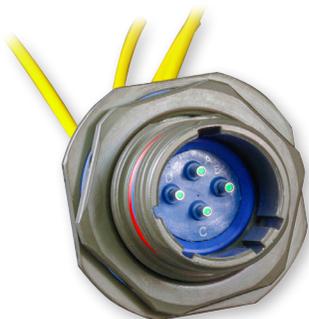


EXPANDED-BEAM

# Eye-Beam® GLT

## Fiber optic connection system

Innovative expanded beam termini and factory-terminated jumpers deliver optimal performance in harsh environments



Eye-Beam™ Expanded Beam fiber optic termini integrated into a tight-tolerance D38999 Series III type jam-nut receptacle connector

Factory terminated GRIN lens pin termini and GRIN lens socket termini on pigtail fibers allow for easy fusion splicing in the field.



- All the benefits of an expanded beam connection system built into a discrete, removable F/O terminus
- Factory-terminated F/O Eye-Beam™ termini easily integrated into any connector package
- Innovative expanded beam GRIN lens terminus expands signal 27X from a standard 9.3 micron fiber core
- Revolutionary design delivers low dB loss (1.5 dB multimode, 2.0 dB singlemode) performance while reducing maintenance, inspection and test costs
- Ultra-high precision ceramic sleeves and custom designed terminus bodies ensure perfect axial alignment

Fiber optic connection system

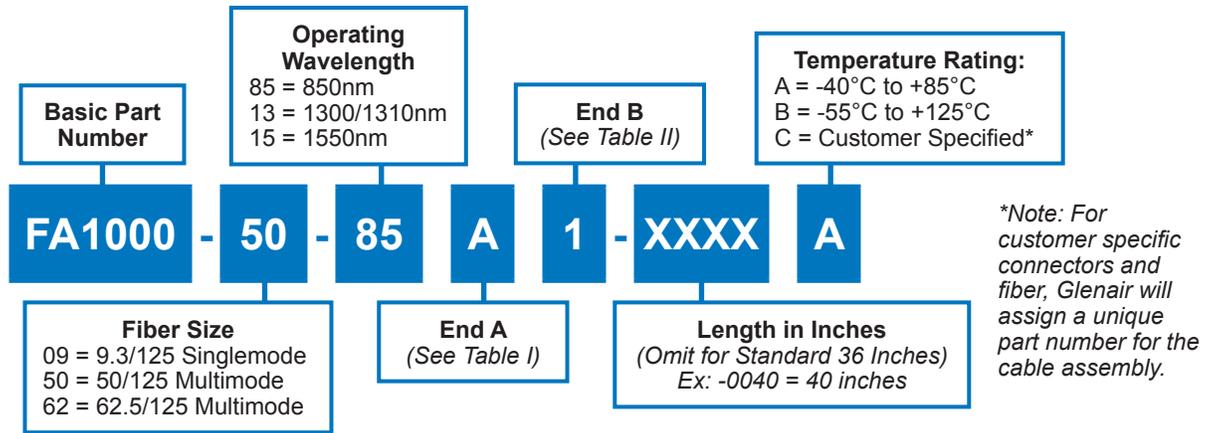


Table I: Eye-Beam™ Termini		
Designator	Description	Connector Series
A	M29504/04 Style Pin (181-070)	MIL-DTL-38999 Series III
	Mighty Mouse Size 16 Pin (181-070)	Series 80 Mighty Mouse
B	M29504/05 Style Socket (181-071)	MIL-DTL-38999 Series III
C	M29504/14 Style Pin (181-095)	MIL-PRF-28876
D	M29504/15 Style Socket (181-096)	MIL-PRF-28876
F	Mighty Mouse Size 16 Socket (181-083)	Series 80 Mighty Mouse
G	GFR Pin (181-082)	Glenair GFR System
H	GFR Socket (181-081)	Glenair GFR System
J	GFOCA Termini (181-067)	GFOCA (hermaphroditic)

Table II: Eye-Beam™ Termini and Commercial Connectors	
Designator	Description
A	M29504/04 Style Pin (181-070)
	Mighty Mouse Size 16 Pin (181-070)
B	M29504/05 Style Socket (181-071)
C	M29504/14 Style Pin (181-095)
D	M29504/15 Style Socket (181-096)
F	Mighty Mouse Size 16 Socket (181-083)
G	GFR Pin (181-082)
H	GFR Socket (181-081)
J	GFOCA Termini (181-067)
1	LC Connector
2	LC APC Connector
3	FC Connector
4	FC APC Connector
5	ST Connector
6	SC Connector
7	SMA 905 Connector
8	SMA 906 Connector
9	Customer Specified*



Eye-Beam termini and factory-terminated jumpers may be integrated into a broad range of circular and rectangular connector packaging

