

Product selection guide

Qualified MIL-PRF-29504/14 and /15 termini and MIL-PRF-28876 connectors and backshells are ready for deployment in shipboard and submarine applications. NGCON MIL-PRF-62466 is a new rear-release fiber optic system designed for naval and airframe applications. SeaKing is a harsh-environment underwater 10K PSI open-face fiber optic system.



DIMENSIONAL NOTES

- Catalog dimensions are subject to change without notice. Consult Glenair engineering for a controlled-release sales drawing.
- Metric dimensions appear in parentheses in diagrams and tables, based on 1 inch = 25.4 mm, for reference only.
- Unless otherwise specified, the following other dimensional tolerances apply:
 - .xx = ± .03 (0.8) • .xxx = ± .015 (0.4) • Angles = ± 5°

Product No.	Description	Page No.		
M29504 QUALIFIED FIBER OPTIC TERMINI FOR MIL-PRF-28876 CONNECTORS				
181-039	M29504/14 Fiber Optic Pin Terminus, Size 16 Long (Standard)	G-4		
181-040	M29504/15 Fiber Optic Socket Terminus, Size 16 Long (Standard)	G-5		
181-051	M29504/03 Fiber Optic Dummy Terminus, Size 16	G-4		
181-054	M29504/14 Short Front Release Pin Terminus, Size 16	G-6		
181-055	M29504/15 Short Front Release Socket Terminus, Size 16	G-7		
MIL-PRF-28876 QUALIFIED FIBER OPTIC CONNECTORS AND BACKSHELL ASSEMBLIES				
Connector Type	Backshell Type	MIL-Spec	Commercial	Page No.
Wall Mount Receptacle	None	M28876/1	180-040-03	G-8
	Straight	M28876/2	180-040-13	G-8
	45°	M28876/3	180-040-23	G-8
	90°	M28876/4	180-040-33	G-8
Jam Nut Receptacle	None	M28876/11	180-040-04	G-12
	Straight	M28876/12	180-040-14	G-12
	45°	M28876/13	180-040-24	G-12
	90°	M28876/14	180-040-34	G-12
Plug	None	M28876/6	180-040-06	G-16
	Straight	M28876/7	180-040-16	G-16
	45°	M28876/8	180-040-26	G-16
	90°	M28876/9	180-040-36	G-16
In-Line Receptacle	None	N/A	180-040-05	G-20
	Straight	M28876/5	180-040-15	G-20
PANEL GASKETS, BACKSHELLS, ADAPTERS AND DUST COVERS FOR M28876 CONNECTORS				
189-179 / -144	O-Ring for Jam Nut Mount Receptacle Connectors	G-24		
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M28840/24	Mounting Gasket for use with MIL-PRF-28876 Connectors	G-26		
930-006	Gasket for MIL-DTL-28840 and MIL-PRF-28876 Receptacle Connectors	G-27		
189-113	Shrink Tubing and O-Rings for MIL-PRF-28876 Style Connectors	G-28		
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MIL-PRF-62466 NGCON FIBER OPTIC TERMINI				
181-043 / -078	Genderless Rear-Release Terminus / Dummy Terminus	G-39		
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PIERSIDE FIBER OPTICS IAW NAVSEA 737971 AND 737972				
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180-156 (16)	Hermaphroditic Plug With Backshell / Strain Relief	G-48		
180-157 (08), (13)	Jam nut receptacles	G-50		
180-158 (08) (13)	Jam Nut Receptacles	G-52		
SEAKING FIBER OPTIC				
FA09648	Overmolded CCP plug-to-plug jumper / breakout assemblies	G-56		
FA09649	BCR or FCR Receptacle Breakout Assembly	G-58		
FA09650	PBOF Point-To-Point Assembly With Straight, 45°, And 90° Options	G-60		
FA09781	PBOF Breakout Plug Assembly With Straight, 45°, And 90° Options	G-62		