

## 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.		
<b>M29504 QUALIFIED FIBER OPTIC TERMINI FOR MIL-PRF-28876 CONNECTORS</b>				
<b>181-039</b>	M29504/14 Fiber Optic Pin Terminus, Size 16 Long (Standard)	G-4		
<b>181-040</b>	M29504/15 Fiber Optic Socket Terminus, Size 16 Long (Standard)	G-5		
<b>181-051</b>	M29504/03 Fiber Optic Dummy Terminus, Size 16	G-4		
<b>181-054</b>	M29504/14 Short Front Release Pin Terminus, Size 16	G-6		
<b>181-055</b>	M29504/15 Short Front Release Socket Terminus, Size 16	G-7		
<b>MIL-PRF-28876 QUALIFIED FIBER OPTIC CONNECTORS AND BACKSHELL ASSEMBLIES</b>				
Connector Type	Backshell Type	MIL-Spec	Commercial	Page No.
Wall Mount Receptacle	None	<b>M28876/1</b>	<b>180-040-03</b>	G-8
	Straight	<b>M28876/2</b>	<b>180-040-13</b>	G-8
	45°	<b>M28876/3</b>	<b>180-040-23</b>	G-8
	90°	<b>M28876/4</b>	<b>180-040-33</b>	G-8
Jam Nut Receptacle	None	<b>M28876/11</b>	<b>180-040-04</b>	G-12
	Straight	<b>M28876/12</b>	<b>180-040-14</b>	G-12
	45°	<b>M28876/13</b>	<b>180-040-24</b>	G-12
	90°	<b>M28876/14</b>	<b>180-040-34</b>	G-12
Plug	None	<b>M28876/6</b>	<b>180-040-06</b>	G-16
	Straight	<b>M28876/7</b>	<b>180-040-16</b>	G-16
	45°	<b>M28876/8</b>	<b>180-040-26</b>	G-16
	90°	<b>M28876/9</b>	<b>180-040-36</b>	G-16
In-Line Receptacle	None	N/A	<b>180-040-05</b>	G-20
	Straight	<b>M28876/5</b>	<b>180-040-15</b>	G-20
<b>PANEL GASKETS, BACKSHELLS, ADAPTERS AND DUST COVERS FOR M28876 CONNECTORS</b>				
<b>189-179 / -144</b>	O-Ring for Jam Nut Mount Receptacle Connectors	G-24		
<b>189-189</b>	Jam Nut for MIL-PRF-28876 Style Receptacle Connectors	G-25		
<b>M28840/24</b>	Mounting Gasket for use with MIL-PRF-28876 Connectors	G-26		
<b>930-006</b>	Gasket for MIL-DTL-28840 and MIL-PRF-28876 Receptacle Connectors	G-27		
<b>189-113</b>	Shrink Tubing and O-Rings for MIL-PRF-28876 Style Connectors	G-28		
<b>189-043</b>	MIL-PRF-M28876 Style Banding Insert Retention Nut	G-29		
<b>189-032</b>	Backshell Spacer for M28876 Style Connector	G-30		
<b>189-122</b>	MIL-PRF-28876 Style Backnut Assembly	G-31		
<b>189-015</b>	Environmental Banding Backshell	G-32		
<b>189-001</b>	Environmental Backshell with Split Clamp	G-33		
<b>189-007</b>	Environmental FiberCon Backshell	G-34		
<b>189-009</b>	Environmental Banding / Molding Adapter Backshell	G-35		
<b>189-014</b>	PEEK Convuluted Tubing Adapter	G-36		
<b>660-072 / -073</b>	M28876/10 and M28876/15 Protective Covers	G-37		
<b>MIL-PRF-62466 NGCON FIBER OPTIC TERMINI</b>				
<b>181-043 / -078</b>	Genderless Rear-Release Terminus / Dummy Terminus	G-39		
<b>MIL-PRF-62466 NGCON FIBER OPTIC CONNECTORS</b>				
<b>180-118 (06)</b>	Plug Connector	G-40		
<b>180-118ASR</b>	Alignment Sleeve Retainer (ASR)	G-41		
<b>180-118 (H7)</b>	Wall Mount Receptacle Connector	G-42		
<b>180-118 (08)</b>	Jam Nut Mount Receptacle	G-44		
<b>PIERSIDE FIBER OPTICS IAW NAVSEA 737971 AND 737972</b>				
<b>180-156ASR</b>	Alignment Sleeve Retainer	G-47		
<b>180-156 (16)</b>	Hermaphroditic Plug With Backshell / Strain Relief	G-48		
<b>180-157 (08), (13)</b>	Jam nut receptacles	G-50		
<b>180-158 (08) (13)</b>	Jam Nut Receptacles	G-52		
<b>SEAKING FIBER OPTIC</b>				
<b>FA09648</b>	Overmolded CCP plug-to-plug jumper / breakout assemblies	G-56		
<b>FA09649</b>	BCR or FCR Receptacle Breakout Assembly	G-58		
<b>FA09650</b>	PBOF Point-To-Point Assembly With Straight, 45°, And 90° Options	G-60		
<b>FA09781</b>	PBOF Breakout Plug Assembly With Straight, 45°, And 90° Options	G-62		