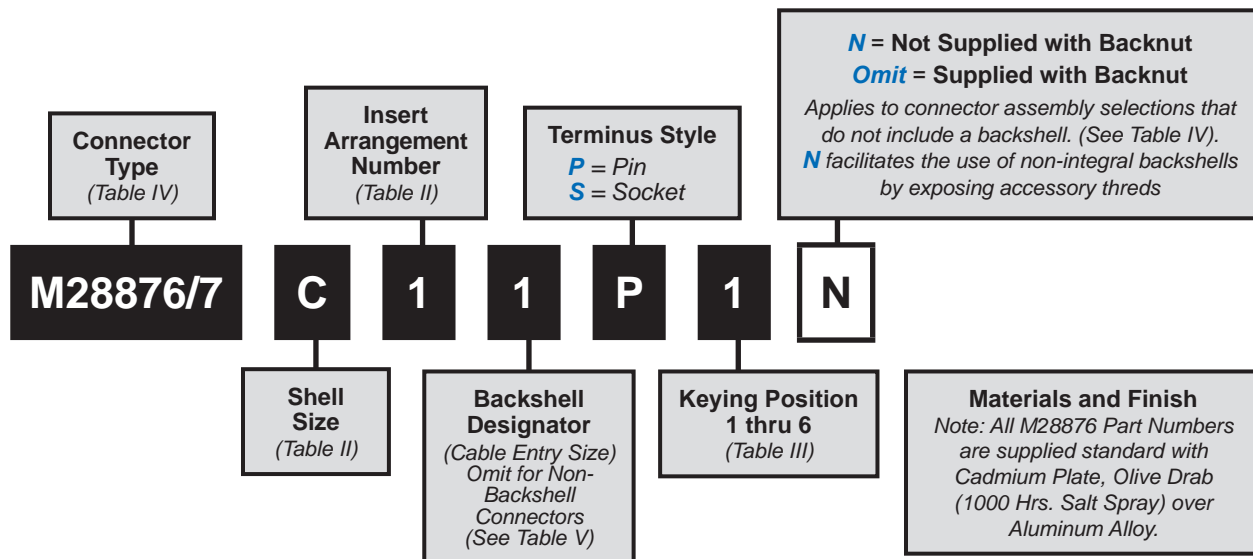
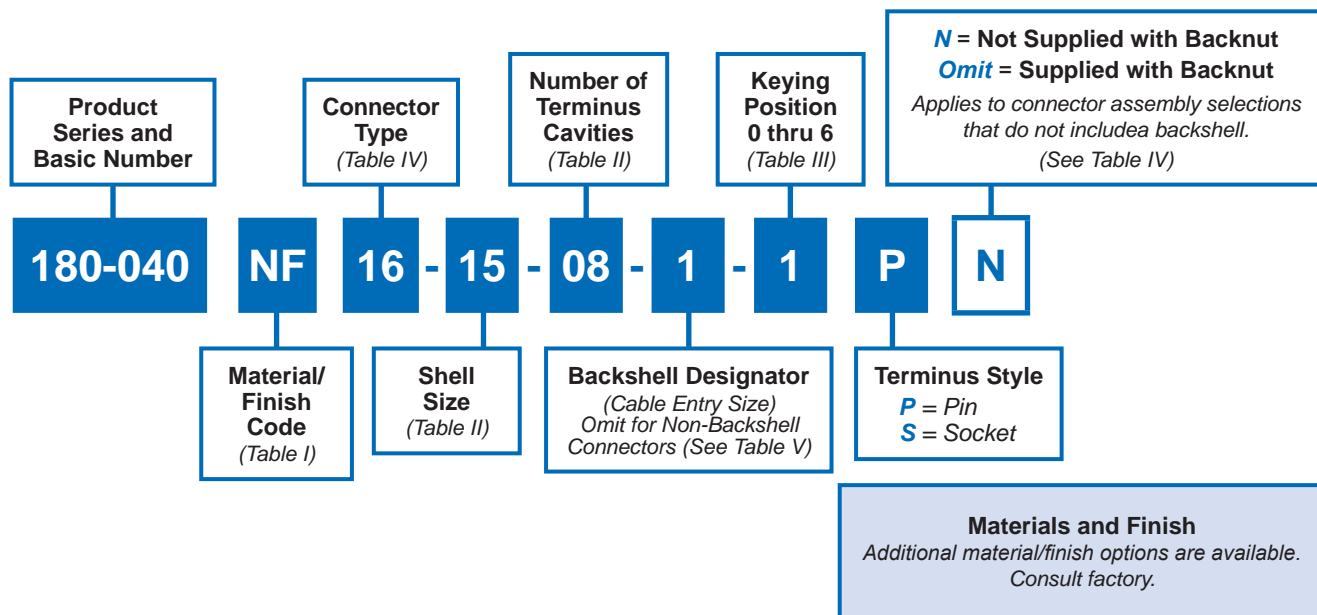




Military QPL M28876/1 through /14 fiber optic connectors



Glenair commercial equivalent MIL-PRF-28876 type fiber optic connectors



**MIL-PRF-28876 • 180-040**  
**QPL Fiber Optic Connectors**  
**How to Order**



**Table I: Material and Finish (Commercial)**

Code	Material	Finish Description
<b>M</b>	Aluminum Alloy	Electroless Nickel
<b>NF</b>		Cadmium, Olive Drab
<b>MT*</b>		Nickel-PTFE, Grey
<b>ZR</b>		Zinc-Nickel, Black

Refer to Appendix for material/finish details

**Table II: Shell Size and Insert Arrangement**

Mil-Spec		Commercial	
Shell Size	Insert Arrangement	Shell Size	Number of Cavities
<b>A</b>	<b>1</b>	<b>11</b>	<b>02</b>
<b>B</b>	<b>1</b>	<b>13</b>	<b>04</b>
<b>C</b>	<b>2</b>	<b>15</b>	<b>06</b>
	<b>1</b>		<b>08</b>
<b>F</b>	<b>2</b>	<b>23</b>	<b>18</b>
	<b>1</b>		<b>31</b>

Consult factory for QPL status

**Table V: Backshell Designator**

Backshell Designator	Max Allowable Cable Diameter by Shell Size			
	A (11)	B (13)	C (15)	F (23)
<b>1</b>	.250 (6.4)	.285 (7.2)	.500 (12.7)	.866 (22.0)
<b>2</b>	.346 (8.8)	.346 (8.8)	.250 (6.4)	1.000 (25.4)
<b>3</b>		.453 (11.5)	.375 (9.5)	.600 (15.2)

**Table IV: Connector Type**

Connector Type	Backshell Type	MIL-Spec	Commercial
Wall Mount Receptacle	None	<b>M28876/1</b>	<b>03</b>
	Straight	<b>M28876/2</b>	<b>13</b>
	45°	<b>M28876/3</b>	<b>23</b>
	90°	<b>M28876/4</b>	<b>33</b>
In-Line Receptacle	Straight	<b>M28876/5</b>	<b>15</b>
Plug	None	<b>M28876/6</b>	<b>06</b>
	Straight	<b>M28876/7</b>	<b>16</b>
	45°	<b>M28876/8</b>	<b>26</b>
	90°	<b>M28876/9</b>	<b>36</b>
Jam Nut Receptacle	None	<b>M28876/11</b>	<b>04</b>
	Straight	<b>M28876/12</b>	<b>14</b>
	45°	<b>M28876/13</b>	<b>24</b>
	90°	<b>M28876/14</b>	<b>34</b>

**Material and Finish**

- A. M28876 part numbers supplied standard with Cad plate/olive drab over aluminum alloy. See Table I for commercial plating options.
- B. Hardware: Aluminum alloy/chem film, stainless steel/passivate
- C. Insert: Aluminum alloy/anodize
- D. Seals: Fluorosilicone

**Notes**

Termini (Not Supplied with Connector):  
M29504/14 - Pin terminus, MIL-Spec  
M29504/15 - Socket Terminus, MIL-Spec  
M29504/3 - Dummy Terminus, MIL-Spec  
181-039 - Pin Terminus, MIL-Spec Style  
181-040 - Socket terminus, MIL-Spec Style  
181-051 - Dummy Terminus MIL-Spec Style  
Backnut retained using thread-locking compound.  
Consult factory for appropriate termination and assembly tools/procedures.  
Operating Temperature Range: -55° to +125°C.

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Circular DIN Connectors](#) category:*

*Click to view products by [Glenair](#) manufacturer:*

Other Similar products are found below :

[CTV06RQF-25-8SA-LC](#) [CTV06RQF-25-8S-LC](#) [CTV06RQW-25-8SB-LC](#) [CTV06RW-25-20P](#) [CTV06RW-25-20PA](#) [CTV06RW-25-20PB](#)  
[CTV06RW-25-20PE-LC](#) [CTV06RW-25-20SB](#) [CTV06RW-25-20SE](#) [CTV07RW-17-8S\(506\)](#) [CTVP00RW-19-32S\(506\)](#) [CTVP00RW-9-35S\(506\)](#) [M83723/71R20416](#) [M83723/71R22196](#) [M83723/71W2039N](#) [M83723/71W24196](#) [M83723/71W2419N](#) [M83723/72A1404N-LC](#)  
[M83723/72R1203N](#) [M83723/72W20418](#) [M83723/72W22126](#) [M83723/72W22556](#) [M83723/72W2419N](#) [M83723/72W2461N](#)  
[M83723/73R2028N](#) [M83723/73R2039N](#) [M83723/73W1412N](#) [M83723/73W2039N](#) [M83723/74R1624N](#) [M83723/74R1808N](#)  
[M83723/74R2212N](#) [M83723/74W1203N](#) [M83723/74W1412N](#) [M83723/74W20416](#) [M83723/74W2041N](#) [M83723/75R10058](#)  
[M83723/75W2232N](#) [M83723/76R14157](#) [M83723/76R20256](#) [M83723/76W1808N](#) [M83723/76W2016N](#) [M83723/76W2461N](#)  
[M83723/77W2016N](#) [M83723/78R22327](#) [M83723/78W2212N](#) [M83723/78W22556](#) [M85049/50-5F](#) [D38999/20FF11AC](#) [D38999/20FJ20BB](#)  
[D38999/20FJ20SC](#)