

Optical Connectors

TAC –F Harsh Environment

General Information

TAC –F is a tactical fiber optic connector, enabling tactical fiber cables being connected together and with optic systems. They withstand harsh environmental conditions being deployed in field connectors with cables field deployed survive cars and heavy vehicles passing over them as well as rain , water, oil etc.

Features

- > Harsh environment.
- > Low optic loss.
- > Simple—only male ferrule.
- > Can include single and multi-mode.
- > Power pass-through fiber & connector.
- > Multi-segment connection ALERT.
- > Water and oil resistance.



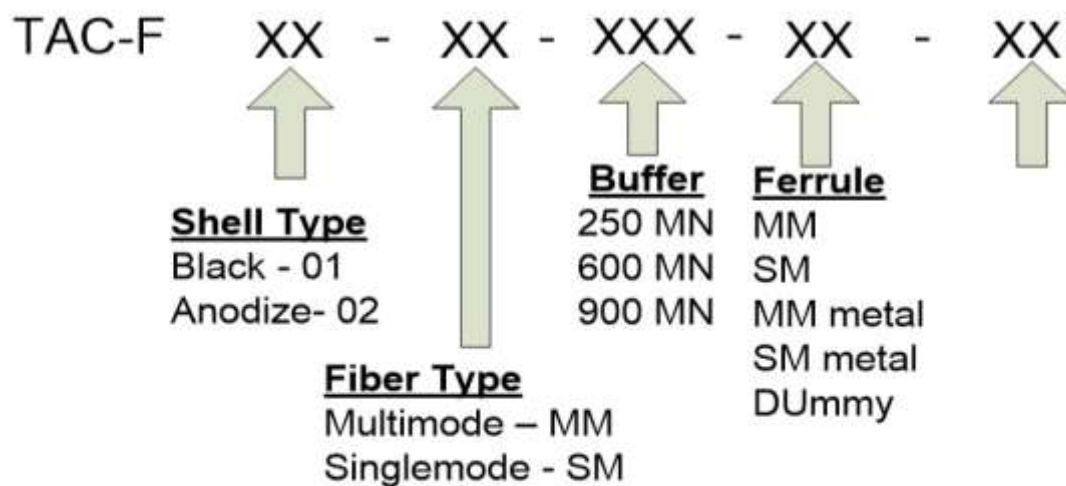
Applications

- > Tactical deployment in the field.
- > Harsh environment resistance.
- > Military networks.
- > Shelters link.
- > Accept 2 or 4 fibers.
- > Use tactical F/O cables.
- > Very small footprint.
- > Light and robust.
- > Use in pollution environments: oil, gas, water

Performance

Optics	Single Mode	Multi-Mode@1300
Insertion loss	<0.5 db	<0.7 db
Return Loss	50 db	37 db
Operating Temp	-40°C to +85°C	
Storage Temp	-50°C to +85°C	
Water Resistance	Ip 65	
Termination Time	30 min	

Connector Designation



Plug cup

Metal
plastic

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