

FL-TAC™ MINI FO JAM NUT D-HOLE RECEPTACLE LOW PROFILE/SINGLEFIBER CONNECTORS ASSEMBLY

APPLICATIONS

- Field-deployable communications;
- Marine ship-to-shore applications;
- Oil and gas exploration;
- Broadcast and Entertainment;
- Instrument engineering.



PRODUCT FACTS

Cable assemblies specially designed for use in field conditions as well as for use in portable equipment where space is limited. On one side of the Assembly is a receptacle FL-TAC™ MINI which is made in the form of a Jam Nut D-type Low Profile (in accordance with Mil-DTL-83526/21), and on the other standard optical single-fiber connectors.

PRODUCT SPECIFICATIONS

CABLE PARAMETERS	
Fiber Count	2/4
Cable Construction	Buffered fiber
Jacket Material	LSZH compound
Jacket Colour	Yellow or other options (Blue/Orange/Green/Brown/Gray/White/Red/Black/Purple/Pink/Aqua)
Fiber Type	SM OS2 or MMF (OM2/OM3/OM4)
Outer Diameter	0,9 mm
CONNECTOR PARAMETERS	
Interface, Connector A	FL-TAC Mini Expanded Beam Jam Nut D-hole Low Profile Receptacle
Interface, Connector B	FC/LC/SC/ST
Intermateability, Connector A	MIL-PRF-83526/20
Intermateability, Connector B	IEC Standard Industry Connectors
Material/Colour, Connector A	6061-T6 Aluminum/303 Stainless Steel/Olive Drab Zinc-Nickel/Black Zinc-Nickel Military olive green/black / grey
Material/Colour, Connector B	Green/blue/black/turquoise/beige/metallic (for FC, ST)
Colour, Boot Connector A	-
Colour, Boot Connector B	Green/blue/black/turquoise/beige
Polish type, Connector A	PC
Polish type, Connector B	UPC/APC
Insertion Loss, Connector A	Typical – 0,7dB @1300nm for MM; 0,7dB @1310 or 1550nm for SM (tested with RC)
Insertion Loss, Connector B	< 0,25dB @850nm for MM; <0,3bB @1310nm for SM(According to IEC61300-3-4, Method B)
Return Loss, Connector A	> 34 dB @ 1310 or 1550 nm for SM
Return Loss, Connector B	> 35 dB @850nm for MM; > 50 dB @1310 nm for UPC SM (According to IEC 61 300-3-6) > 60 dB @1310 for APC SM (According to IEC 61 300-3-6)

Connector A, quantity	1
Connector B, quantity	2/4
Polarity	on request (Type A, Type B)
TEMPERATURE RANGE	
Installation	-55°C +85 °C
Operation	-55°C +85 °C
Storage	-55°C +85 °C
IDENTIFICATION	
	Traceability label with unique serial number on both ends
PACKAGING	
	Each assembly is packed in a plastic bag, several assemblies are packed in a cardboard box.