

## QMINI FO RECEPTACLE LC ADAPTER

### APPLICATIONS

- Field-deployable communications;
- Marine ship-to-shore applications;
- Oil and gas exploration;
- Broadcast and Entertainment;
- Other Harsh Environment Applications.

### PRODUCT FACTS

Universal adapter designed specifically for use in extreme environmental conditions with limited space in mobile tactical communication devices. On one side of the adapter is used QMini Receptacle of various versions (in accordance with Mil-DTL-83526/21), and on the other standard ports LC connectors.



### PRODUCT SPECIFICATIONS

CABLE PARAMETERS	
Fiber Count	2/4
Cable Construction	Buffered fiber
Jacket Material	LSZH compound
Jacket Colour	White
Fiber Type	SM OS2 or MMF (OM2/OM3/OM4)
Outer Diameter	0,9 mm
CONNECTOR PARAMETERS	
Interface, Connector A	QMini Expanded Beam Receptacle Flange Mount RX type / QMini Expanded Beam Receptacle Flange Mount / QMini Expanded Beam Receptacle Jam Nut
Interface, Connector B	LC
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 Black
Material/Colour, Connector B	Green/blue/turquoise/beige
Colour, Boot Connector A	-
Colour, Boot Connector B	-
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; <0,3dB @1310nm for SM(According to IEC 61300-3-4, 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 61300-3-6) > 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)
<b>TEMPERATURE RANGE</b>	
Installation	-46°C +85 °C
Operation	-46°C +85 °C
Storage	-55°C +85 °C
<b>IDENTIFICATION</b>	
	Marking with a unique product serial number on the product packaging
<b>PACKAGING</b>	
	Each adapter is Packed in a plastic bag, several adapters are Packed in a cardboard box.