

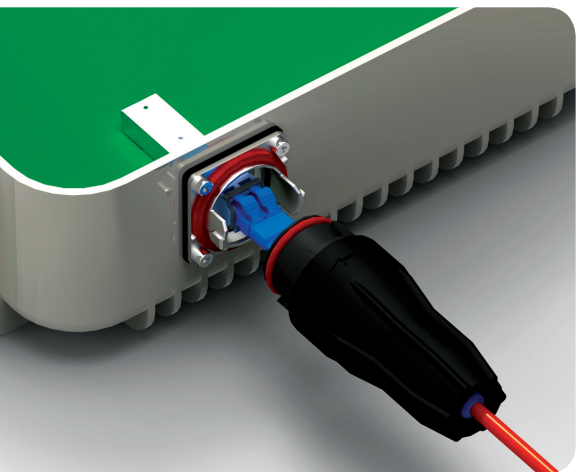
Introducing

FullAXS Fiber to the Antenna Rugged Interconnect

Next generation WiMAX and Long Term Evolution (LTE) Fiber To The Antenna (FTTA) connectivity designs require rugged cable assemblies for outdoor use. For direct connection, these cable assemblies need to plug directly into the optical transceivers through a bulkhead construction.

In addition, the connector design will need to accommodate for a large tolerance in Z-direction. Furthermore, the connector shell needs to allow for easy one handed mating. Our TE Connectivity FullAXS connector systems were designed to function with a very large Z axis tolerance, hence accommodating a broad range of transceivers in the market.





KEY FEATURES

- Open bulkhead for easy access to SFP
- Positive mechanical feedback to operator when fully mated
- One-hand mating
- Duplex LC interface
- Bulkhead cutout allows for removal of transceiver through the bulkhead (no need to open RRH for transceiver replacement)
- Robust bayonet locking for easy, fast, and secure mating
- Multimode and single mode
- Water proof, dust proof and corrosion resistant.
- Expansion to RJ45 and Power possible
- Plug has tolerance free design, fully free floating on Z-axis
- No Cable buckling during or after installation.
- Cost effective metal die cast bulkhead
- Field installable version available

APPLICATIONS

- WiMAX and LTE Base Stations
- Remote Radio Heads (RRH)
- Industrial outdoor applications
- Robotics
- Aerospace & Defense

MECHANICAL

- Designed to meet 150 N cable retention
- Designed to meet weathering resistance
- LC interface
- Single- and Multimode
- Adapter footprint : 36mm x 36mm
- Bayonet style locking
- Duplex LC interconnect MM or SM
- No tools required
- Operating temperature : -40°C to +70°C
- Mating durability min : 100 cycles

SPECIFICATIONS

- Temperature : -40°C to +70°C
- 150 N Pull Force : per IEC61300-2-4
- Protection Class : IP65
- 100 Mating Cycles
- Vibration : per IEC 61300-2-1
- Salt mist : per IEC 61300-2-26
- Impact : per IEC 61300-2-12
- Temperature/Humidity : per IEC 61300-2-22

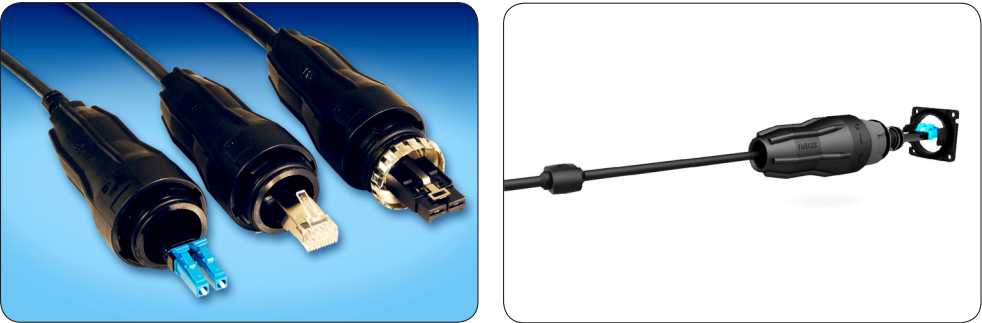
PRODUCT OFFERING

FullAXS Bulkhead Part Number Table

Part Number	Description
2061433-1	FOAC FullAXS bulkhead assembly

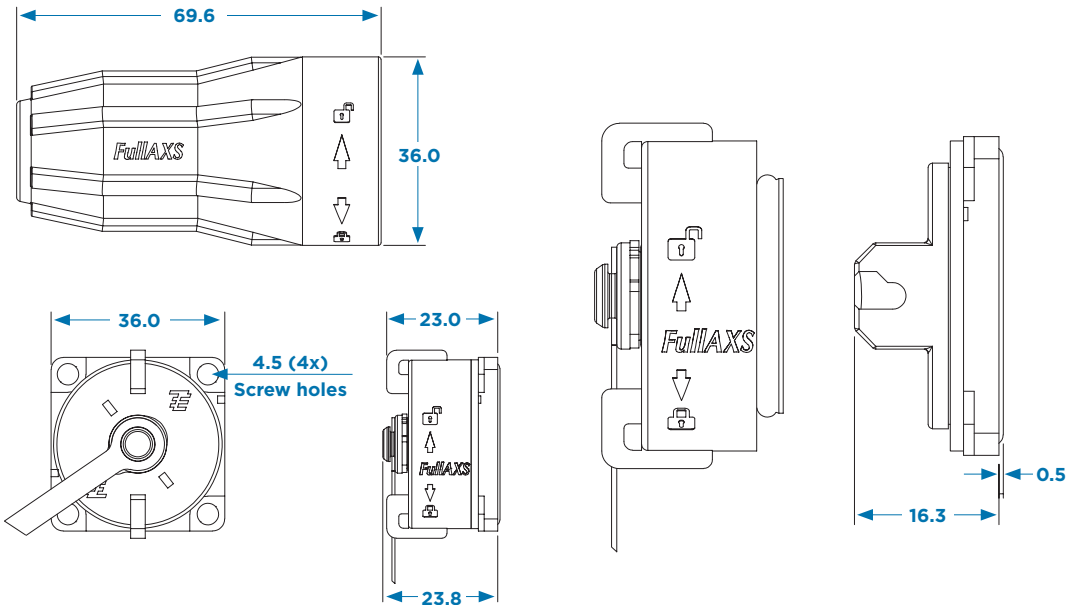
FullAXS Cable Assembly Part number Table

Part Number	Description	Fiber Size	Available Lengths
2061432	FOSM LEAD 4.8mm FULLAXS LC/DPX - LC/DPX	Single mode	1-999 m
2061506	FOMM50 LEAD 4.8mm FULLAXS LC/DPX - LC/DPX	Multimode (50/125)	1-999 m



Note : Other fiber types and configurations available. Please contact your local TE representative for more information.

PRODUCT DIMENSIONS



Note : Dimensions are subject to change.

FOR MORE INFORMATION

te.com/products/FullAXS

TE Technical Support Center

Internet:	te.com/help
USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

www.te.com

© 2012 Tyco Electronics Corporation, a TE Connectivity Ltd. company. All Rights Reserved.

4-1773460-4 DataComm PDF 11/2012

FullAXS, TE Connectivity and the TE connectivity (logo) are trademarks.

Other logos, product and/or company names might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

