

MPO Connector



MPO
Short Boot



MPO
Round 3mm



MPO
Round 3mm



MPO
Bare Ribbon



MPO
Ribbon Boot



MPO TOTAL SOLUTION



MPO Adapter
SC Footprint with Flange



MPO Adapter
Duplex SC Footprint

MPO Patchcord

MPO Adapter
SC Footprint Flangeless



MPO Adapter
MT - MPO



MPO Adapter

MPO Patchcord
MPO Patchcord



MPO Patchcord
MPO-LC Uniboot



MPO Patchcord
MPO-LC 24F
Hydra-Mini Branch



MPO Patchcord
MPO-LC 32F Fan-Out



ACON OPTICS COMMUNICATIONS INC.

www.aconoptics.com

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AMERICA

Advanced-Connectek U.S.A. Inc.

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MPO Connector MT Ferrule

Low Loss MT Ferrule by ACON

○ MPO Connector
Round 3mm



○ MPO Connector
Short Boot



○ MPO Connector
Bare Ribbon



○ MPO Connector
Ribbon Boot



Features

1. Meet IEC 61755-3-31 Grade B Standard
2. Low insertion loss, 0.35dB Max
3. Trapezoid spring enhances mechanical performance
4. Available to support 40G/100G/200G
5. Various boots are available for MPO connectors

Applications

1. Data Center application
2. Multi-channels high speed connectivity
3. WDM networks
4. Tele communication



Low Loss MT Ferrule

ACON OPTICS' MT ferrule low insertion loss of 0.35db meets the IEC 61755-3-31 Grade B standard, making this the best quality and value for your common MT ferrule needs.

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LC Alignment Adjustable Connector

Reduction of Insertion Loss



Features

1. Allow precise alignment of ferrule for Grade A patchcord
2. Easy to adjust ferrule concentricity to reduce insertion loss
3. Tool-less matching alignment adjustable type
4. Adapting for random mating occasion

Applications

1. Data communication
2. Tele communication
3. FTTx deployments
4. Testing instruments
5. 4G/LTE Base station
6. CATV

1.



Fiber core



Offset or concentricity misalignments occur when the two fiber cores are not matched.

2.



Fiber core



Rotate the ferrule to make the offset smaller.

3.



Fiber core



Slightly adjust ferrule until the two fiber cores are perfectly matched. This will significantly reduce the insertion loss.

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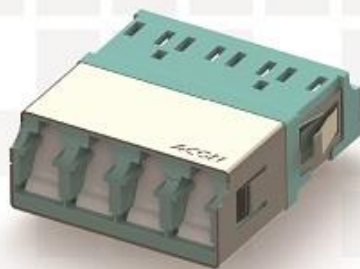
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LC *Inner Shutter* Adapter



Ultimate dust and laser protection



*LC Quad
Inner Shutter Adapter*



*LC Duplex
Inner Shutter Adapter*

Features

1. One-piece molding case, without welding
2. Compatible with SC adapter footprint
3. Protect eye exposure from laser light
4. Block out external dust for interior protection
5. Internal shutter easy for insertion and extraction of LC connector

Applications

1. Data communication
2. Tele communication
3. FTTx deployments
4. 4G/LTE Base station



1.

Internal shutter is open when inserted connector compressed the springs.



2.

Ferrule can be inserted into the adapter sleeve with ease.



3.

Internal shutter will automatically close when the connector is removed from the adapter.

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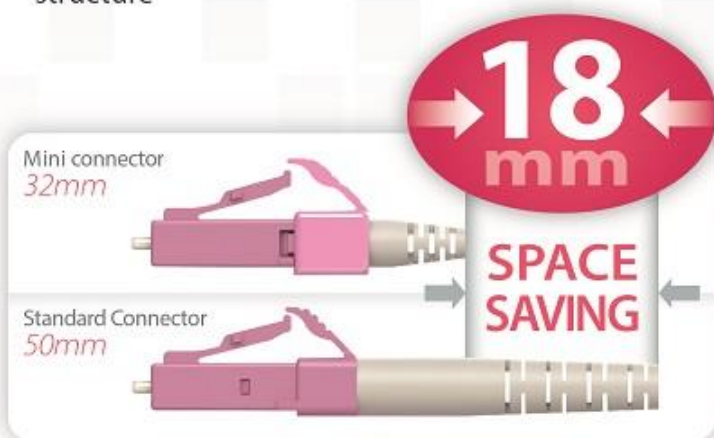
LC Mini 32mm Connector

Essential for 5G



Features

1. Rectangle flange design to avoid the rotation of ferrule
2. Short boot design to save space for adapting front panel cabling
3. Special hook-lock design to secure connector structure



Applications

1. Data communication
2. Tele communication
3. FTTx deployments
4. Optical measurement instruments
5. 4G/LTE 5G Base station
6. CATV



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