

IP67 Rated Cable Assemblies

Fiber Optic Cable Assemblies

IP67 Rated Cable Assemblies are available in weatherproof ODVA, OptiTap® FULLAXs, or IPFX formats with SC, LC or MPO connector types.

All assemblies come with an weatherproof connector on one end and weatherproof connectors or standard connectors on the other end.

Cable assemblies can be easily installed into a panel by using an adapter.



ODVA



OptiTap®



FullAXs



IPFX



Features

- Meets IP67 Standards
- No tools required for insertion or removal
- Bayonet style or threaded locking mechanism
- Designed for harsh environment applications
- Tethered cap and flexible boot eases installation
- 5.0 or 7.0mm jacket sizes available for all connector formats. Flat drop available for OptiTap® only.
- Different cable types are available upon request

Applications

- Outdoor events, shows, or anywhere rugged or weatherproof connectivity is required
- FTTH or FTTMDU
- FTTA cell tower Remote Radio Units (RRU) or RRH
- Industrial machinery or diagnostic equipment

IP67 Rated

Solid Particle Protection
IP First Digit Rating Level: 6
 Totally protected against dust ingress (dust-tight).

Liquid Ingress Protection
IP Second Digit Rating Level: 7
 Protected from water ingress while immersed in shallow water.



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ODVA Patchcord Examples



ODVA Duplex LC/UPC to Duplex LC/UPC Patchcord



ODVA Duplex LC/APC to Duplex LC/APC Patchcord



ODVA SC/UPC to SC/UPC Patchcord



ODVA SC/APC to SC/APC Patchcord



ODVA MPO to MPO Patchcord

OptiTap® Pigtail



OptiTap® Adapter



OptiTap® to SC/APC Adapter
P/N: OPTITAP-ADAPTER

FullAxs Patchcord Examples



LC



MPO

IPFX Patchcord Examples



SC



MPO

ODVA Enclosure Compatibility



ODVA IP67 Rated Cable Assemblies are compatible with ARIA's NEMA 4 Rated 6X Wallmount Enclosure, NEMA 4 Rated 8X Wallmount Enclosure, and NEMA 4 Rated Outdoor Enclosure (ODE).

These cable assemblies can be used with any enclosure up to 0.158" (4mm) thick with a 1.08"-1.25" sized hole.

ODVA Enclosure Adapters



ODVA LC/UPC to LC/UPC Adapter
P/N: ODVA-A-LCU



ODVA LC/APC to LC/APC Adapter
P/N: ODVA-A-LCA



ODVA SC/UPC to SC/UPC Adapter
P/N: ODVA-A-SCU



ODVA SC/APC to SC/APC Adapter
P/N: ODVA-A-SCA



ODVA MPO to MPO Adapter
P/N: ODVA-A-MPO

ODVA In-Line Adapters



ODVA LC/UPC to ODVA LC/UPC
P/N: ODVA-I-LCU



ODVA LC/APC to ODVA LC/APC
P/N: ODVA-I-LCA



ODVA SC/UPC to ODVA SC/UPC
P/N: ODVA-I-SCU



ODVA SC/APC to ODVA SC/APC
P/N: ODVA-I-SCA



ODVA MPO to ODVA MPO Adapter
P/N: ODVA-I-MPO

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Part Number

IP67 - - - - -



1 Cable Size

5 = 5.0 mm*
7 = 7.0 mm*
F = Flat Drop**

*Unavailable for OptiTap®
**Unavailable for ODVA,
FullAxs, or IPFX

2 Fiber Count

XX = XX Fibers (Up to 24)

3 Fiber Type

S = SM 9/125µm G.652.D
B = SM 9/125µm Bend
Insensitive G.657.A1
1 = MM 62.5/125µm OM1
2 = MM 50/125µm OM2
3 = MM 50/125µm OM3
4 = MM 50/125µm OM4

4 Format End 1

O = ODVA
I = OptiTap®*
A = FullAxs
F = IPFX

*Available in SC/APC Only

5 Connector Type End 1

SC = SC
LC = LC
MP = MPO

5 Polish Type End 1

U = UPC
A = APC*
F = Flat**

*Singlemode Only and Select
for Singlemode MPOs
**Multimode MPOs Only

6 MPO Type End 1

Leave Blank for
Non-MPO Connector

Choose 1 option from each feature:
1 = 12 or 2 = 24 Fiber Connector
S = Standard or E = Elite Ferrule
F = Female or M = Male Guide Pins

7 Format End 2

R = Regular Format
Connector or Pigtail
O = ODVA**
I = OptiTap®*
A = FullAxs**
F = IPFX**

*Available in SC/APC Only
**SC, LC, or MPO Only

8 Connector Type End 2

SC = SC
SB = SC Uniboot
LC = LC
FC = FC
ST = ST
E2 = E2000
MP = MPO
00 = No Connector

Note: Add NC to remove duplex
clips on non-uniboot SC or non-
uniboot LC regular connectors

8 Polish Type End 2

U = UPC
A = APC*
F = Flat**
0 = No Connector

*Singlemode Only, Select for Single-
mode MPOs, and Unavailable for ST
**Multimode MPOs Only

9 LC Type End 2

Leave Blank for Standard LC Con-
nector, Non-LC Connector, or IP67
Rated Format Connector

A = 50° Boot
F = Flat Pull Tab
U = Uniboot
P = Uniboot Polarity Switchable
2 = Uniboot 20mm Pull Tab
4 = Uniboot 40mm Pull Tab
R = Uniboot Polarity
Switchable with Pull Tab

10 MPO Type End 2

Leave Blank for
Non-MPO Connector

Choose 1 option for each feature:
1 = 12 or 2 = 24 Fiber Connector
S = Standard or E = Elite Ferrule
F = Female or M = Male Guide Pins

Choose a wiring method:

A = Method A (12-Fiber MPO)
B = Method B (12-Fiber MPO)
C = Method C (12-Fiber MPO)
1 = Option 1 (24-Fiber MPO)
2 = Option 2 (24-Fiber MPO)
0 = Non-MPO to MPO assembly

11 Length

Add -PE for a Pulling Eye

XXXF = Length in Feet
XXXM = Length in Meters