



## Water Proof Connectors



IP/FX



ODVA



PDLC



NSN

## General Description

The PDR outdoor waterproof fiber optic assemblies come with waterproof connectors of ODVA/IP/FX/ODVA/PDLC/NSN MPO/LC/SC, special water-proofing design make sure the connector has blind-mating function, provides quick installation solutions and has good performance, it can be compatible with all the similar products in market. Cable can be flat drop or round cable, armored or non-armored. The industrial panel-mount, plastic adapters serve as a sealed feed-through for the fiber connection.

## Features:

- LC Duplex, simplex SC or MPO connector with good repeat ability and interchangeability
- Light weight, water proof, dust proof, corrosion resistant
- Robust bayonet locking for easy, fast, and secure mating
- Plug has tolerance free design

## Applications:

- WiMAX and LTE Base Stations
- Remote Radio Heads (RRH), RRU
- Industrial outdoor applications
- Harsh Environment

## Specifications

Item	Value
Cable Diameter	5.0mm / 7.0mm / 8.0mm ± 0.3mm
Connector Type	ODVA/IP/FX/ODVA/PDLC/NSNMPO/MTP, ODVA/IP/FX/ODVA/PDLC/NSN LC, ODVA/IP/FX/ODVA/PDLC/NSN SC
Fiber Mode	SM G652D G657A1 G657A2 G657B3/ MM OM1 OM2 OM3 Om4
Fiber Count	2/4/8 /12/24 Core
Cable Jacket	LSZH, TPU, PE
Length	1~150m or Customised
Operating Temperature	-40°C to +85°C

## Optical Characteristics

Item	Parameter		
	Single Mode	Multi Mode	Reference
	Standard	Standard	
Insertion Loss	Typical ≤ 0.30dB Max ≤ 0.75dB	Typical ≤ 0.50dB Max ≤ 0.25dB	IEC 61300-3-34
Return Loss	≥ 50dB (PC) ≥ 60dB (APC)	≥ 30dB(PC)	IEC 61300-3-6

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