

12F ODVA/MPO OM3 Patch Cord Datasheet

Widely used for outdoor waterproof use, and the grade is usually IP68.



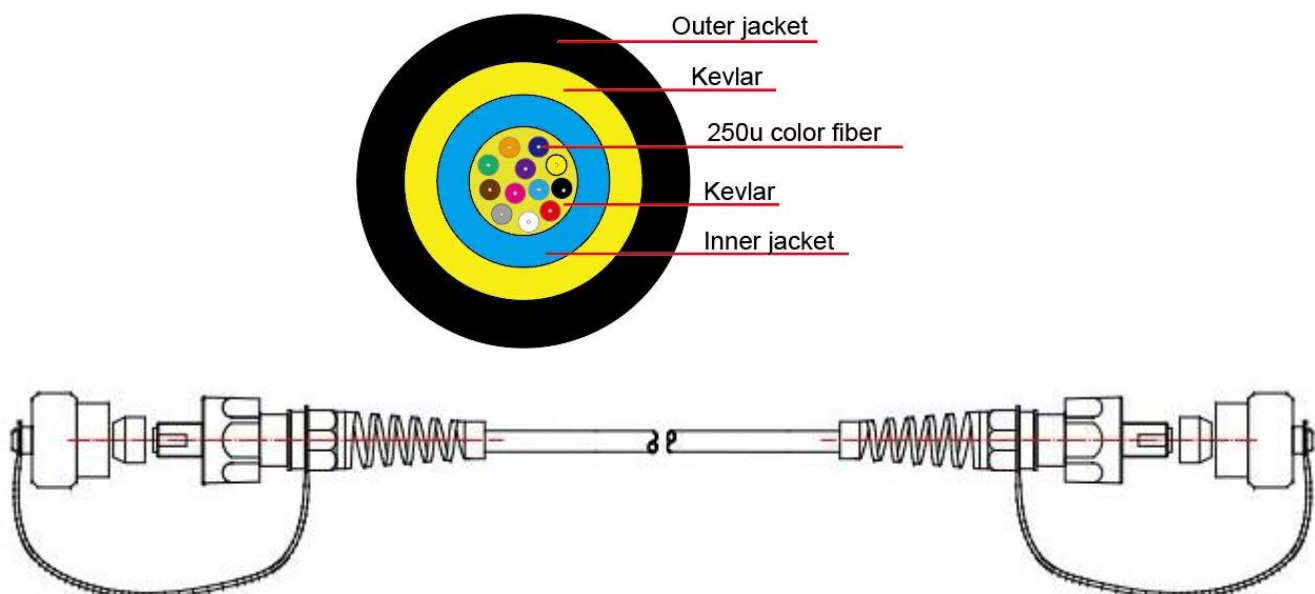
• Description

ODVA series of waterproof connectors has plastic housing for protection, it's for outdoor waterproof use, and the grade is IP68. It has 3 series- LC duplex, SC simplex and MPO. And it's suitable for fiber cables of $\varphi 5.0-7.0\text{mm}$. Water and dust proof: there's rubber cushion inside, the stability is good and the grade can be IP68. It could be fast connectrf because of the unique spiral structure makes connection easy and fast.

• Features

- High quality Hakusan ferrules
- Good repeatability and interchangeability
- Perfect solution for installs that require
- CE/CPR/ISO/ROHS \checkmark
- 100% 3D tested/Temperature tested/Loss tested before delivery
- High and low temperature cycle test
- Ultra low loss
- Adapt to harsh outdoor environments like FTTH

• Cable structure



- Technical Specifications

Item	Parameter
Fiber Count	12F
Polarity	A/B/C
Fiber Type	OM3
Connector A	ODVA-MPO(F/M)
Connector B	ODVA-MPO(F/M)
Polish Type	UPC
Cable Jacket	PVC/LSZH/OFNP
Jacket Color	Black
Outer Cable Diameter(mm)	5.0
Minimum Bending Radius	10D/20D(Static/Dynamic)

Optical Testing	Parameter
Insertion Loss(dB)	<0.70
Return Loss(dB)	≥35
Wavelength(nm)	850/1300
Tensile Strength(N)	250N(Long Term)/600N(Short Term)
Operating Temperature(°C)	-40~85
Storage Temperature(°C)	-20~70

- Tips:

Due to the COVID-19, sorry that you and our team couldn't visit face to face with each other. In order to make the customers know us more, please visit our VR factory, it is just like you were really standing in our factory.

OPTICO Fiber Assemblies Production Line VR :<https://www.linked-reality.com/company/15555/en>