



1、Descriptions

ODVA(Open DeviceNet Vendors Association) plug(RRU side) assemblies provide an environmental seal and mechanical protection for connections. The assemblies guarantee an easy, one-step connection system with the combined push-pull insertion and bayonet-style mechanical latch. ODVA provides quick installation solutions and has good performance on mating with SFP module. Cable can be Armored or Non-Armored. The industrial connector assembly has been ratified as a 'Standard Interface' in the ODVA as a next-generation industrial interconnect. The industrial panel-mount, plastic adapters serve as a sealed feed-through for the fiber connection. The new industrial integrated flange-mount adapters are designed for tight, side-by-side applications. A single shutter, available in plastic or metal, is secured inside the adapter to cover connector ports and provide dust and laser protection for the internal fiber connection.

2、Features

- Provides moisture and dust protection for use in harsh industrial environments
- IP67 protection, salt-mist proof, humidity proof, dust proof
- Sealed panel feed-through design for easy installation into enclosures
- 100% optically tested to ensure quality performance assemblies
- Available in single mode and multimode styles to work with any common fiber type
- Push-pull insertion with bayonet-style mechanical latch provides easy installation and removal
- Various connector option: LC、SC、MPO、MTP etc.

XDK Communication Equipment (Huizhou) Co., Ltd.

3. Specifications

Fiber Type	SM (9/125um)		MM (50/125um、62.5/125um)
Polish	UPC	APC	UPC
Insertion Loss	≤0.3dB (Typical)		
Return Loss	UPC≥50dB, APC≥60dB		UPC≥20dB
Repeatability	1000 times typical change value ≤ 0.20dB		
3D(MPO/MTP)	Fiber Height : 1000~3500nm Radius Long: 500mm min Radius Short: 50mm min Max Fiber Differential < 400nm Max Fiber Adj Diff < 200nm Ferrule Height: 7.95mm min MM Core Dip: <100nm		
3D(LC/SC)	Radius of Curvature :10-25mm(PC/UPC) , 5-12mm(APC) Apex offset : 0-50um High fiber : ±100 nm Angle: 8±0.2°(APC)		
Fiber Moder(optional)	G652D, G657A, G657B, OM1, OM2, OM3, OM4		
Protection level	IP67		
Fiber count(optional)	1 ~ 24		
Cable Diameter(optional)	4.0、 7.0mm		
Jacket Material(optional)	LSZH、 TPU		
Operating Temperature	- 55°C ~ + 85°C		

4. Application

- Applied in outdoor and severe environment
- Dust-proof and waterproof
- Applied on FTTH(Fiber to the Antenna)

XDK Communication Equipment (Huizhou) Co., Ltd.