

Environment-resistant and waterproof connector

◇ ODVA-LC/SC/MPO



Description

ODVA assemblies provides low cost ideal solution for CATV, RRH remote radio heads, FTTX harsh environment connectivity. ODVA-LC/DX, ODVA-SC/SX and ODVA-MPO is a typical outdoor use fiber cable assemblies, suitable for different temperature and weather, Push and pull plug and bayonet mechanical latch construction for easy installation and disassembly. Protection level up to IP68, especially ideal for FTTA and harsh environment use.

Features

1. LC/DX, SC/SX, MPO connector type selection is available;
2. Compatible with SENKO equipment;
3. Bayonet lock, Simple installation and disassembly;
4. Adapted to 3~8mm outer diameter cable, IP68 protection;

Application

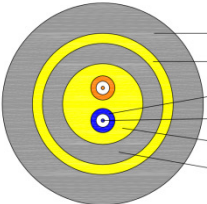
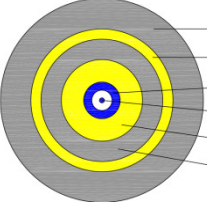
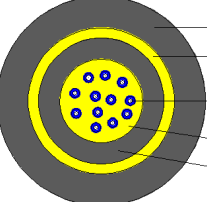
1. FTTA, FTTH;
2. 3G, 4G, 5G base station;
3. Horizontal and Vertical Cabling;
4. Outdoor monitoring and control system;
5. BBU, RRU, RRH, LTE connect;

Specification

1. Insertion loss:
 - LC/SC: $\leq 0.3\text{dB}$ (Typical value $\leq 0.15\text{dB}$);
 - MPO: Standard $\leq 0.7\text{dB}$ (Typical value $\leq 0.45\text{dB}$); Elite $\leq 0.35\text{dB}$ (Typical value $\leq 0.2\text{dB}$);
2. Return loss: SM: UPC $\geq 50\text{dB}$; APC $\geq 60\text{dB}$; MM: $\geq 35\text{dB}$;
3. Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$;
4. Endurance: 100 matings;
5. Cable retention: $\geq 50\text{N}$ (connector part);



Optical cable information

	<p>Out jacket: LSZH, Black, OD: 5.0±0.3mm, T: 0.75±0.05mm Internal jacket: LSZH, OD: 2.95±0.1mm, T: 0.5±0.05mm Fiber Count: 2 cores tensile strength: ≥200N(long-term)/ ≥400N(short-term) compression strength: ≥300(long-term) / ≥1000(short-term) N/100mm</p>
	<p>Out jacket: LSZH, Black, OD: 5.0±0.3mm, T: 0.75±0.05mm Internal jacket: LSZH, OD: 2.95±0.1mm, T: 0.5±0.05mm Fiber Count: 1 core tensile strength: ≥200N(long-term)/ ≥400N(short-term) compression strength: ≥300(long-term) / ≥1000(short-term) N/100mm</p>
	<p>Out jacket: LSZH, Black, OD: 5.0±0.3mm, T: 0.75±0.05mm Internal jacket: LSZH, OD: 2.95±0.1mm, T: 0.5±0.05mm Fiber Count: 4~24 cores tensile strength: ≥200N(long-term)/ ≥400N(short-term) compression strength: ≥300(long-term) / ≥1000(short-term) N/100mm</p>

Drawing

