# OPTOKON HA-LCD Hermetic Antenna Waterproof Connector

## Description:

### FullAXS-LC Compatible

The OPTOKON introducing new effective harsh environment connector HA series, which is designed for FTTH projects and FTTA (Fiber To The Antenna). Pre connectorized cables significantly reduce cable installation time, saving money and accelerating FTTH subscriber connections, FTTA and various industrial applications

## Features:

- Simple bayonet locking system
- FullAXS-LC Compatible
- Low Insertion Loss
- Proven design provides a hardened connector for outside plant deployment
- Singlemode/Multimode SC, LC duplex hardened connector
- Connector is designed to install on Cable
- Environmentally-sealed connector housing permits rapid connection to external flush-mounted bulkhead adapter
- Robust design keeps connector intact during installation
- Fully standards-compliant product ensures the highest network reliability and durability
- Connectors designed and third-party tested to Telcordia GR-3120 requirements

## Specifications:

|  | MM | UPC | APC |
|---|---|---|---|
| Insertion Loss (IL) typical / Return Loss (RL) minimal | | | |
| Duplex LC connector | 0.15 dB / 30 dB | 0.15 dB / 50 dB | 0.15 dB / 60 dB |
| Simplex SC connector | 0.15 dB / 30 dB | 0.15 dB / 50 dB | 0.15 dB / 60 dB |
| Operating temperature | -40°C to +85°C | | |
| Durability | min 1000 cycles | | |
| Assembly procedure | glue and polish | | |
| Connection | physical contact | | |
| Lock mechanism | Bayonet locking system | | |
| Standards | Telcordia GR-3120 | | |
| Ferrule material | full ceramic zirconia | | |
| Cable diameter range | 4 – 6 mm | | |

HA-LCD/S



HA-BN



HA-LCD – example of application



HA-LCD – example of application

## Ordering code:

**HA** - **LCD** / **X**

| Duplex LC | | M | Multimode PC |
| --- | --- | --- | --- |
| **LCD** | Duplex LC | S | Single mode UPC |
| | | A | Single mode APC - angled |

## Adaptors:

**HA-BN**   panel mount adaptor protection frame (appropriate adaptors ordered separatelly)