

# AARC Jumpers

The harsh environment AARC plug and receptacle assemblies are available in 2 fiber or 4 fiber cable assembly configurations.

Based on the N Type RF threaded connector housing, this interconnect system provides superior optical performance in outdoor environments using LC style 1.25mm ceramic ferrules.

The corrosion resistant metal housings provide a durable and environmentally protected solution for optical connectivity in areas exposed to elements such as rain and snow as well as dirt and other types of contamination.

The factory terminated AARC plug assemblies are available in plug, receptacle and in-line connector styles and can be supplied as Pigtails or jumpers in lengths starting from 1 meter. The factory terminated AARC receptacle assemblies are available with flange, jam nut, or in-line configurations. Amphenol's AARC connectors are exceptionally suited for WiMax, LTE, 3G/4G wireless, and base station applications.



## Features and Benefits

Available in both Singlemode and Multimode fiber types

Available in 2 or 4 fiber configurations

Flange, Jam Nut, or in-line receptacles

N Type Threaded Connector Housing

Easy to Install

Metal housing provides improved EMI protection

## Specifications

Multimode IL:  
≤0.35dB Typical;  
<0.75dB Max.

Singlemode IL:  
≤0.35dB Typical  
<0.75dB Max.

Return Loss:  
≤-45dB

Operating Temperature:  
-40° to 85°C

Durability:  
>50 mating cycles

Tightening Torque:  
6N Maximum  
(4N to 5N recommended)

## Applications

FTTA

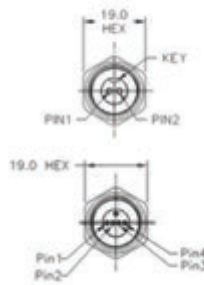
Outdoor Areas

Harsh Environment

## Industry Compliance

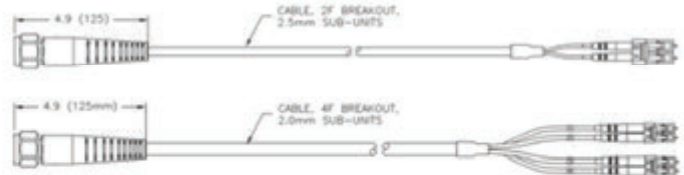
IP67 Water and Dust Ingress Protection

Connectors are mechanically and optically intermateable with industry standard connectors and adapters and conform to TIA/EIA, IEC, and Telcordia specifications



**AARC Plug Assembly**

Shown Here: AARC Plug to LC Duplex Assemblies



## Ordering Information

Part Number	Description
942-98140-10001	JUMPER, AARC 2F PLUG-LC(D), SM, 1M
942-98155-10001	JUMPER, AARC 4F PLUG-2X LC(D),4F 0.5M BREAKOUT, SM, 1M
942-98156-10001	JUMPER, AARC 2F IN-LINE RECEPTACLE TO LC DUPLEX, 1M
942-98157-10001	JUMPER, 4F AARC IN-LINE RECPT TO LC(D), SM, 1M
942-98302-10001	JUMPER, AARC 2F PLUG TO PLUG, SM 4.8MM CABLE, 1M
942-98159	JUMPER, 2F AARC RECPT TO LC(D), 1M ZIP
942-98161	JUMPER, 4F AARC RECPT(F)-LC(D), SM 0.5M BO
942-98162	JUMPER, 2F AARC RECPT(N)-LC(D), SM 0.5M BO
942-98302-10001	JUMPER, AARC 2F PLUG TO PLUG, SM 4.8MM CABLE, 1M

\*Please call customer service for additional configurations