



Amphenol

FIBER OPTIC PRODUCTS

R2CT CONNECTOR

OUTDOOR HOUSING



Product Spotlight
October 16th, 2017





R2CT Connector Outdoor Housing

The R2CT Field Installable Weatherproof Cable Gland is designed as a cost effective means of providing a removable interface for outdoor harsh environments.

The R2CT allows for quick and easy installation onto either Optical LC or RJ45 style outdoor cable assemblies. The system can be field assembled over optical duplex LC or RJ45 Ethernet cable assemblies. Factory terminated cable assemblies are available for faster implementation.

The R2CT allows direct mating to edge mounted active devices or as a sealed feed-thru to adapters or internally mounted devices. The R2CT Gland is also suitable for use as a feed-through interface for other type power, signal and fiber applications.



Housing w/ Cap

Benefits

Allows flexibility to use factory terminated assemblies or field installed assemblies

Provides superior weather resistance for harsh outdoor applications

Easily installs without special tooling

Easy and secure bayonet style coupling

Available in long and short body designs

Corrosion resistant aluminum housing

Plug dust cap with pulling eye protects connectors during installation

Features

Factory or field terminated

Pass-thru design suitable with LC or RJ45 connectors

IP67 water and dust protection

Bird proof and rodent resistant

Operating temperature: -40° to 85°C

Cable Diameter Range: 4.8mm to 7mm

45 lb. axial cable retention (200N)

Flexible cable exit boot

Durability: >100 mating cycles



Long Body



Short Body

Parameter

Specification

Mechanical

Mating Endurance
Vibration
Shocks

IEC 61300-2-2
IEC 61300-2-1
IEC 61300-2-9

Environmental

Salt Mist
Temperature
Ingress Protection

IEC 61300-2-26
IEC 61300-2-22
IEC 60529

1

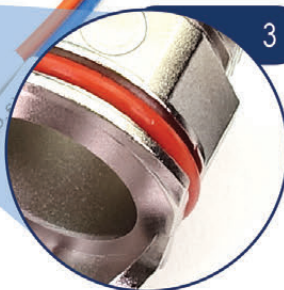


1. Sliding diecast body
2. Bayonet-style mating
3. IP67 sealed connection
4. LC connector inside housing

2



3



4



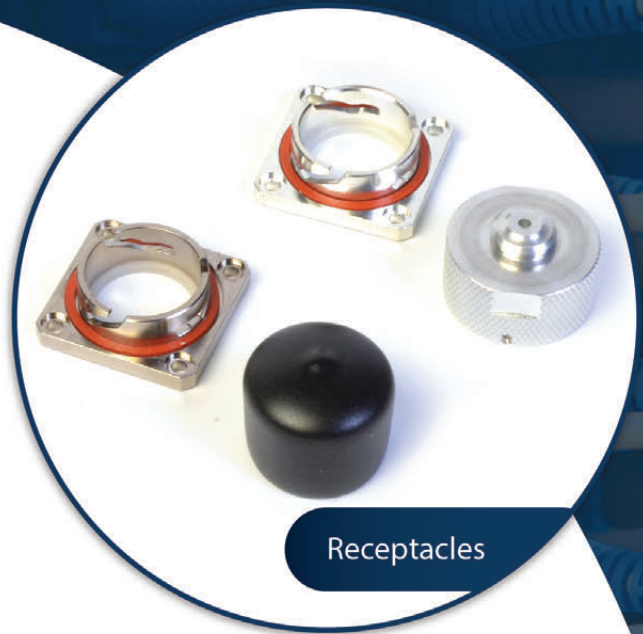
Quick and Secure Coupling



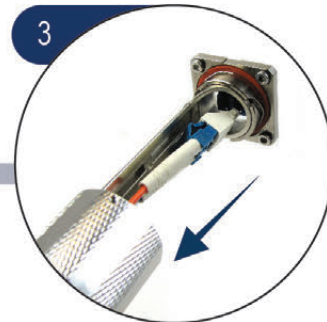
Align body and receptacle



Rotate and lock body in receptacle



Receptacles



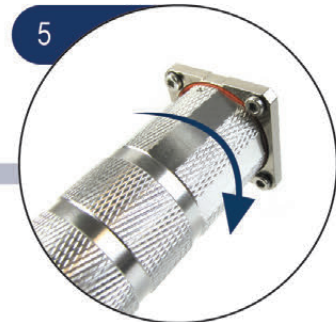
Slide back housing and LC remove dust caps



Mate LC connector to adapters



Slide forward housing



Rotate and lock housing in receptacle

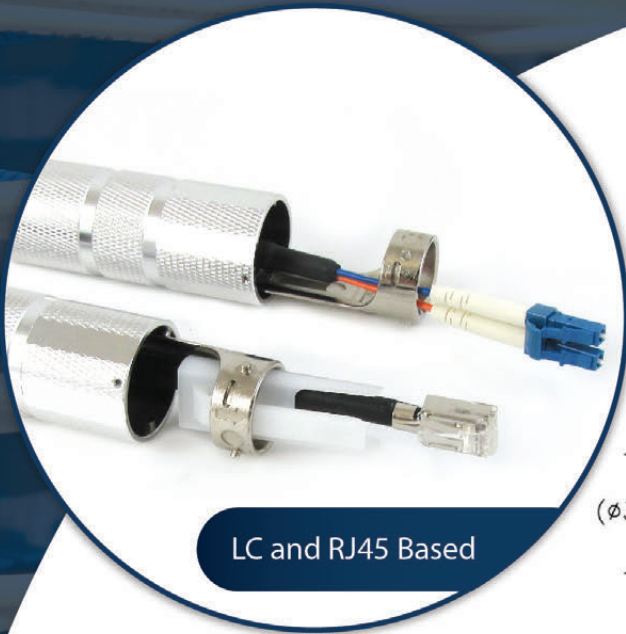
Component Identification



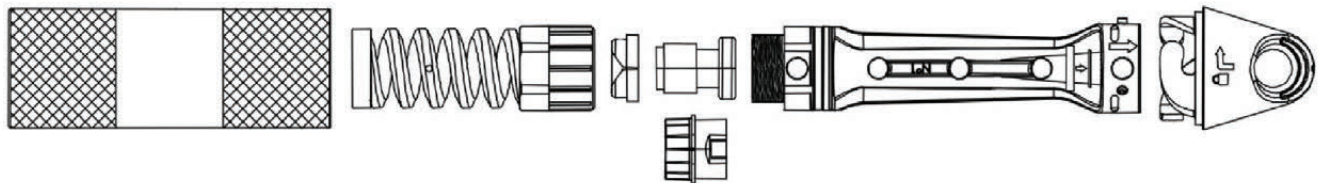
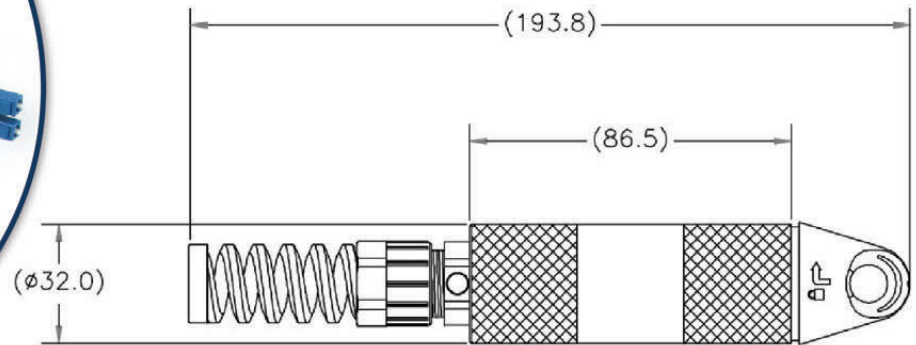
Applications

FTTA	Small Cells
Outdoor Areas	Wireless
Harsh Environment	

R2CT CONNECTOR Long Body - 957-5001



LC and RJ45 Based

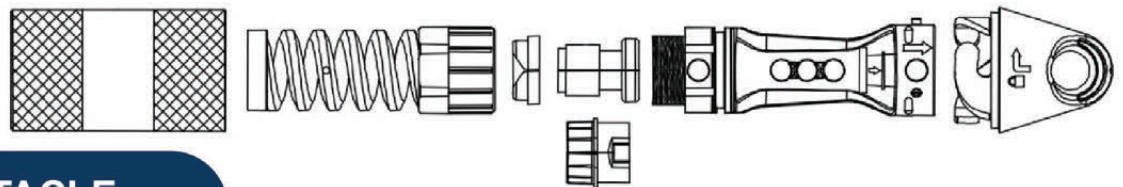
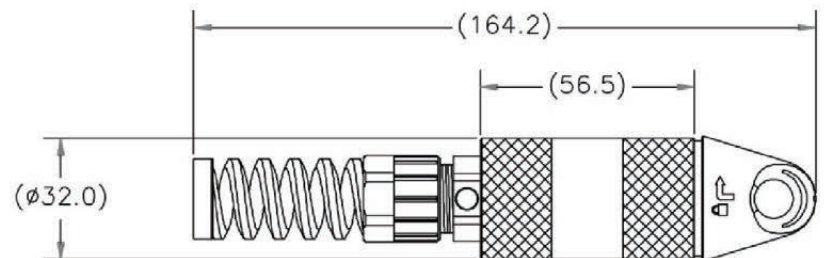


Industry Compliance

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

RoHS compliant

R2CT CONNECTOR Short Body - 957-5002



R2CT RECEPTACLE

957-5010 (Disposable Cap) 957-5011 (Aluminum Cap)

