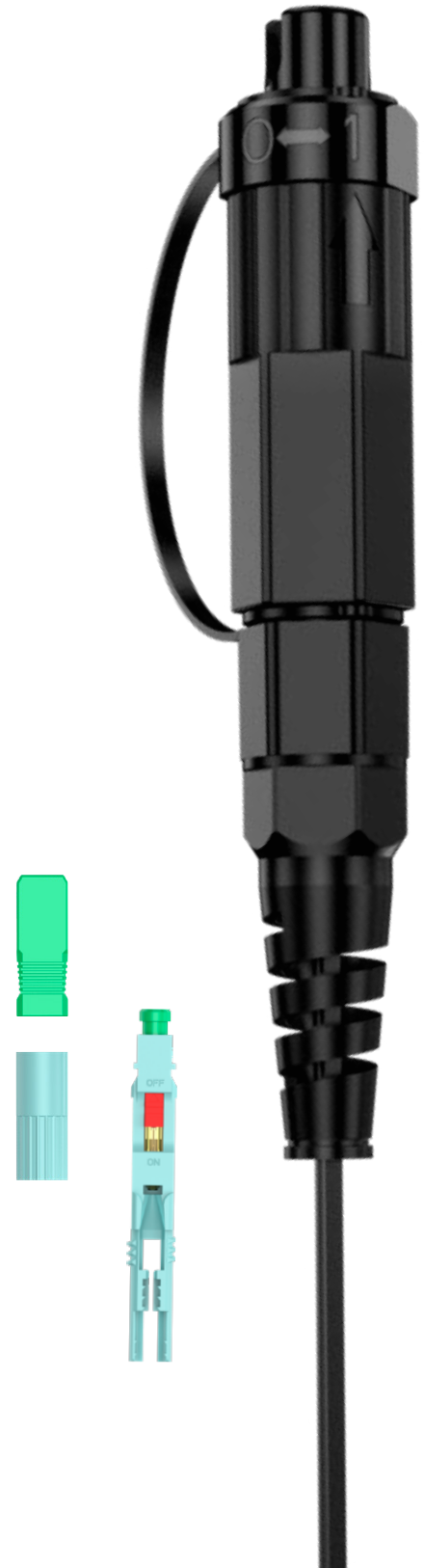




**Reinforced
Fiel Connector
Fast compatible
for Flat Drop
5mm*2mm,
Round 3mm,
Round 5mm**

AR-RFC-R-SCAPC-FC



① General

1.1 Scope

Field assembly water-proof connector AR-RFC-R-SCAPC-FC connect new subscribers to the access network. Easily plug into the pre-terminated optical termination box, no need to open the box to activate new subscribers.

1.2 Features

- Waterproof level: IP68.
 - Field installation, easily mounted on the field mount optical connector, don't need any specific tools or devices.
 - Low insert loss and high return loss.
- High mechanical strength performance.
- PEI material, Acid and alkali resistance, Ultraviolet resistanc.
 - Outdoor use, 20-year service life.
 - Apply to Field Assembly Optical Connector type:SC/APC, SC/PC.
 - Apply to outer cable diameter:2.0*5.0mm outdoor flat drop cable and 3.0/5.0mm round drop cable.



Connector Housing



Rubber Ring



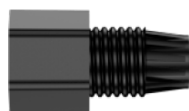
Connector



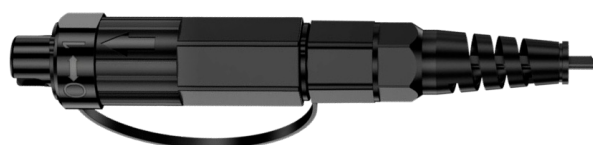
Connector Boot



Cable Clamp



Lockdown Cap



② Technical Data

2.1 Technical Characteristics

Item	Technical parameters
Product Size	124*22mm
Cable	2.0*5.0mm outdoor flat drop cable and 3.0/5.0mm round drop cable
Fiber Mode	Single-mode, 9/125 μ m
Insertion Loss	Avg. \leq 0.3dB, Max. \leq 0.5dB
Return Loss	$<$ -50dB for UPC, \leq 55dB for APC
Repeatability	5 Times
Tensile Strength Drop Flat Cable	$>$ 70N
Tensile Strength Drop Round Cable	\geq 100N
Mechanical Durability (500 times)	IL \leq 0.3dB
Operation Time	$<$ 3min
Working Temperature	-40~+85
Protection Grade	IP68

