

# FIELD ASSEMBLY OPTICAL CONNECTOR

The Greenlee Communications Field Assembly Optical Connector is designed for fast and simple field termination of 3mm jacketed singlemode fiber-optic cables, without polishing or epoxy.

The FAOC is made with precision and high quality Zirconia ferrules and provides a highly reliable connection. The FAOC is available for 3mm buffered singlemode fibers in SC/APC format.

## Features

- Fast & Accurate fiber termination without polishing or epoxy
- Constructed of high quality Zirconia ferrules for reliable connections
- Available for 3mm SC/APC buffered singlemode fibers



FICSCAPCSMR30GN

## SPECIFICATIONS

### OPTICAL PERFORMANCE

Item	Typical (dB)	Max (dB)
Insertion Loss	≤0.2	≤0.4
Return Loss	—	≥55

### MECHANICAL

Endurance	1,000 Mating Cycles change in attenuation 0.1 db
Re-assembly	5 Times
Tensile	30N Δ IL≤0.2 dB
Durability	500 times Δ IL≤0.2 dB
Vibration	<0.2dB change / 10-55Hz / 0.75 amplitude
Temperature Change	<0.2dB change / -40C to +75C (21 cycles)

### ENVIRONMENT

Storage Temperature	-40°C ~ +85°C
Operating Temperature	-40°C ~ +85°C
Operating Humidity	≤85% (+30°C)

### STANDARDS

TIA/EIA 604-3, IEC 61754-4, Telecordia GR1221  
 For best results, use the Greenlee Communications 920CL Fiber Optic Cleaver  
 Specifications subject to change without notice

## ORDERING INFORMATION

CAT. NO.	UPC NO.	DESCRIPTION
SCAPCMC	07849	SCAPC Connector
08089	08089	Cleaving Fixture