



Singlemode Simplex SC/APC to SC/APC G657B3 Fiber Cable - 3mm Indoor/Outdoor OFNR

FO-FH604-SCA2-xxR Specifications

Description

These 9 micron SC/APC fiber optic cables are made with Corning G657B3 fiber. They are constructed with a 3mm PVC OFNR riser indoor/outdoor rated jacket. They are tested to provide the optimum data transmission and network stability. They're typically used to connect from a service provider's fiber outlet to the router. Compatible with Bell, Google Fiber, UniFi Dream machine and more FTTH networks & hardware.

Physical Characteristics

| | |
|--------------------|--|
| Color | Black/ White |
| Cable Diameter | 3mm |
| Fiber Size | 9/125 micron Singlemode |
| Glass Manufacturer | Corning Glass (G657B3) |
| Connector Ferrules | Ceramic |
| Jacket Rating | Riser (OFNR) & Indoor/Outdoor |
| Max. Tensile | Short Time : 150N Long Time : 50N |
| Bending Radius | Dynamic : 10D Static : 20D |
| Temperature | Installation : -20°C ~ +50°C Storage : -40°C ~ +70°C Operating : -40°C ~ +70°C |

Connector(s)

| | |
|-------------|----------------------------|
| Connector A | SC/APC Simplex Male SC/APC |
| Connector B | Simplex Male |

Approval

| | |
|----------------|-----|
| UL, c(UL), IEC | Yes |
|----------------|-----|

Environmental

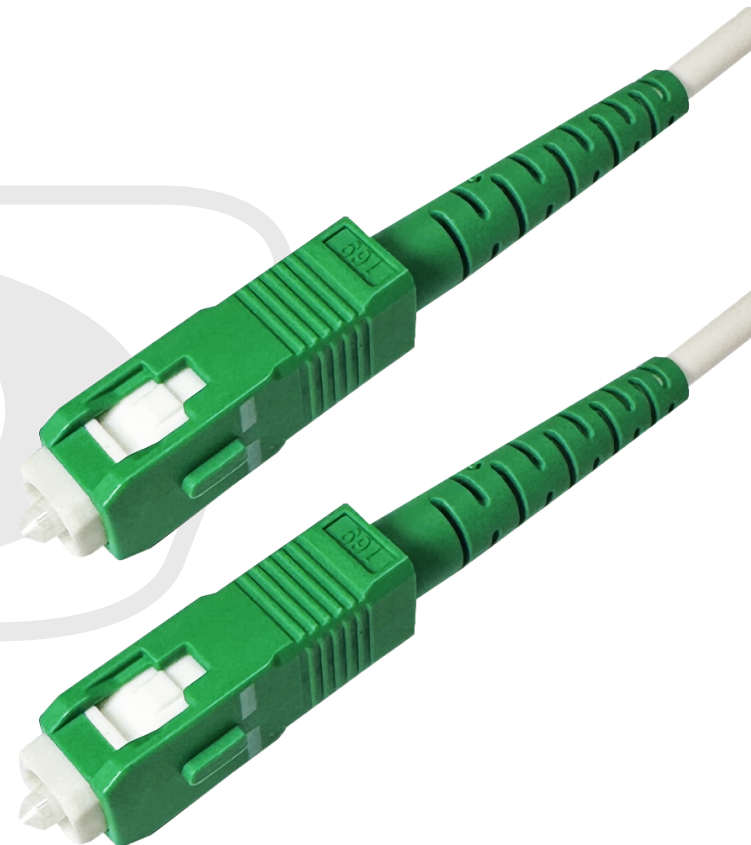
| | |
|-------------------|-----|
| RoHS | Yes |
| Conflict Minerals | Yes |

Packaging Information

| | |
|------------------|---|
| Package Quantity | 1 |
|------------------|---|

Warranty Information

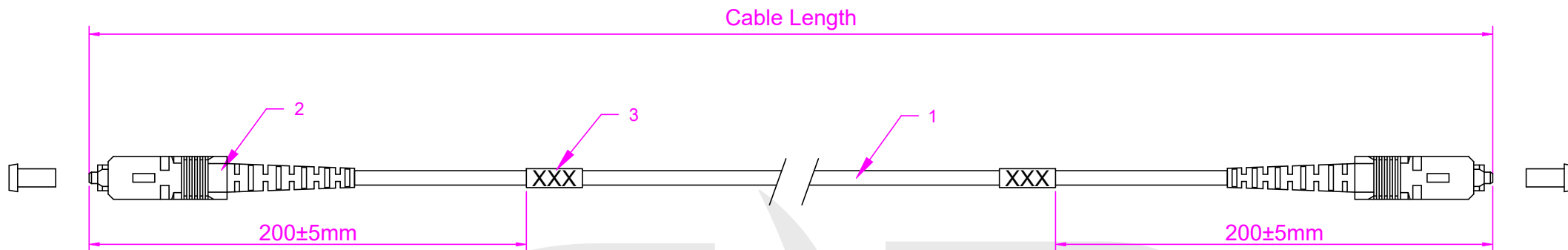
| | |
|----------|------------------|
| Warranty | Limited Lifetime |
|----------|------------------|





Singlemode Simplex SC/APC to SC/APC G657B3 Fiber Cable - 3mm Indoor/Outdoor OFNR

FO-FH604-SCA2-xxR Specifications



Optical Characteristics

| | |
|--------------------------------------|---|
| Mode Field Diameter | @1310nm : 8.6±0.4µm @1550nm : 9.65±0.5µm |
| Cladding Diameter | 125.0±0.7µm |
| Cladding Non-Circularity | ≤0.7% |
| Core-Cladding Concentricity Error | ≤0.5µm |
| Coating Non-Circularity | ≤6.0% |
| Cladding-Coating Concentricity Error | ≤12.0µm |
| Attenuation(max.) | @1310nm : ≤0.4dB @1550nm : ≤0.3dB |
| Macro-Bending Loss | @1550nm (1 turn x 5mm radius) : ≤0.1dB |

Performance

| | |
|----------------|----------|
| Insertion Loss | ≤ 0.2 dB |
| Return Loss | ≥ 60 dB |
| Speed | 10 Gbps |

