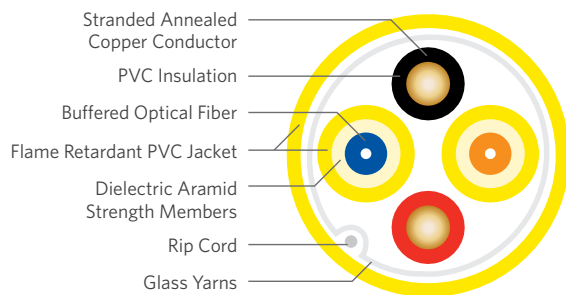


# PowerWise™ Fiber Cable

CL3R-OF, CMR-OF and FPLR-OF



Stranded Annealed  
Copper Conductor

PVC Insulation

Buffered Optical Fiber

Flame Retardant PVC Jacket

Dielectric Aramid  
Strength Members

Rip Cord

Glass Yarns

## SPECIFICATIONS

Configuration	Two (2) – 2 mm G.657.B3 SMF simplex and two (2) stranded 16 AWG copper conductors
2 mm Simplex	900 micron tight buffered fiber surrounded by aramid yarns strength elements and PVC jacket
Stranded 16 AWG conductors	19 strand annealed copper conductors insulated with PVC
Strength Elements	Glass yarn
Jacket	FR PVC
Performance Compliance	UL® 13 CL3R-OF UL 444 CMR-OF UL 1424 FPLR-OF UL 1666 ANSI/ICEA S-83-596 Telcordia® GR-409-CORE, Issue 2 ANSI/TIA-568-C.3 RoHS compliant/RoHS-2 compliant
NRTL Programs	UL Listed CL3R-OF, CMR-OF, FPLR-OF

## ENVIRONMENTAL SPECIFICATIONS

Operation	-20 °C to +70 °C
Installation	0 °C to +55 °C

## PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Fiber Count	Conductor Count	AWG (mm)	Jacket Color	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package
F3C3-002U15-6991-CE9	2	2	16 (1.47)	Yellow	0.26 (6.6)	37 (56)	Plywood reel

## PRODUCT DESCRIPTION

The PowerWise™ cable is designed for premises applications where either the distance or the power requirements of the end device exceed what Power over Ethernet is capable of reaching or supplying. The cable consists of two (2) – 2 mm bend resistant G.657.B3 single mode fiber simplex interconnect cables and two (2) – stranded 16 AWG copper conductors. The two simplex interconnect cables allow direct and secure connection to LC or SC type mechanical connectors. The core is surrounded by strength yarns that provide the cable with the tensile strength to meet the distribution cable requirements of ANSI/ICEA S-83-596. The cable is UL Listed CL3R-OF, CMR-OF and FPLR-OF.

## APPLICATIONS

- Security cameras and devices
- Devices placed in areas that exceed PoE distance or power requirements

## FEATURES

- G.657.B3 SMF in a 2 mm simplex
- 19-strand 16 AWG Conductors
- UL Listed CL3R-OF, CMR-OF and FPLR-OF
- Marked in Feet and Meters

## BENEFITS

- Provides exceptional macrobend resistance for low attenuation loss even in difficult routing conditions
- Provides exceptional flexibility for easier installation and routing
- Multiple listings allows for different fire and safety applications
- Provides both commercial and military units of measure