



breakout

OFNR

Product Description

The optical fiber Breakout Cable from Superior Essex is designed with Central Office (CO) connectivity in mind. The cable consists of 2 mm interconnect cable subunits surrounding a central strength element. The subunits are surrounded by aramid yarns and a flame retardant PVC riser-rated jacket, and each is ideally suited to be attached to small form factor connectors. The cable is available in 6, 12 and 24-fiber count configurations.

Applications

- Central Office (CO)

Features

- 2.0 mm simplex interconnect subunits
- Meets or exceeds ICEA S-83-596 and GR-409-CORE requirements for interconnect subunits and cable
- Riser (OFNR) rated designs

Benefits

- Connects directly to small form factor connectors, like the LC
- Worry-free installation and performance
- Fire-listed cables allow placement in riser spaces

Specifications

Configuration	2.0 mm subunits surrounding a central strength element with overall jacket
Subunit Configuration	2.0 mm simplex with 900 micron tight buffered fiber and aramid yarns
Subunit Marking	Unit 1, Unit 2, etc.
Strength Elements	Glass Reinforced Plastic (GRP) central strength element with PVC jacket
Jacket	Yellow, flame retardant (FR) PVC
Performance Compliance	UL 1651 CSA C22.2 No. 232 UL 1666 Telcordia GR-409-CORE, Issue 2 ANSI/ICEA S-83-596 ANSI/TIA-568-C.3 RoHS-compliant
NRTL Programs	UL, c(UL) Listed OFNR

Environmental Specifications

Operation	-20°C to +70°C
Storage/Shipping	-40°C to +75°C
Installation	10°C to +60°C

Part Numbers and Physical Characteristics

Listing	Part Number	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius		Package
					Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)	
OFNR	1T300632011	6	0.32 (8.0)	44 (65)	150 (660)	45 (200)	4.7 (120)	3.2 (80)	Plywood reel
OFNR	1T301232011	12	0.41 (10.3)	61 (90)	150 (660)	45 (200)	6.1 (155)	4.1 (104)	Plywood reel
OFNR	1T302432011	24	0.56 (14.1)	114 (170)	300 (1,320)	90 (400)	8.3 (210)	5.6 (141)	Plywood reel