

ribbon interconnect

OFNR

Product Description

The optical fiber Ribbon Interconnect Cable from Grupo Matel is designed to be attached directly to 12-fiber array connectors, like MPO or MTP. Use it with array connectors on either side for a ribbon jumper cable, or as a transition cable with the array connector on one side and a high fiber count cable on the other. The cable consists of one 12-fiber ribbon surrounded by aramid yarns and a flame retardant PVC riser-rated jacket.

Applications

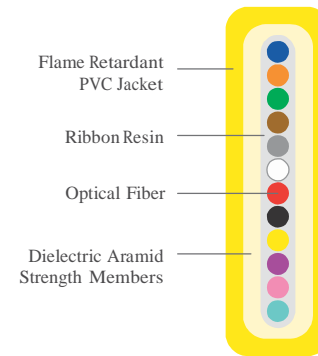
- MPO/MTP 12-fiber array connectors

Features

- 12-fiber ribbon with aramid yarns and jacket
- Meets or exceeds ANSI/ICEA S-83-596 and GR-409-CORE requirements for interconnect cable
- Riser (OFNR) rated designs

Benefits

- Attach directly to MTP/MPO 12-fiber array connectors
- Worry-free installation and performance
- Fire-listed cables allow placement in riser spaces



Specifications

Configuration	One 12-fiber ribbon surrounded by dielectric aramid yarns and an overall 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 Dimensions in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Tensile Loading		In-Plane Minimum Bend Radius		Package
					Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)	
OFNR	1P30123R011	12	0.22 (5.5) x 0.10 (2.5)	9 (13)	50 (220)	10 (40)	1.5 (38)	10 (40)	Plywood reel