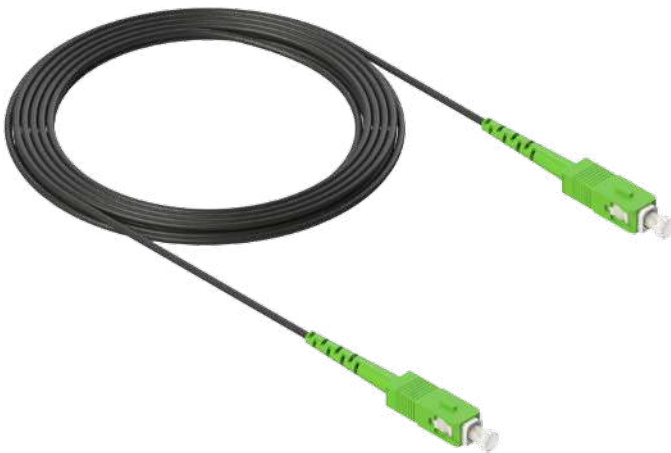


## MDU DROP FIBER OPTIC JUMPER

FJ-XX-SCA-SCA-XXXXF-X-M-X  
INDOOR OUTDOOR CABLE ASSEMBLIES

The MEXFO SERV® Drop Fiber Optic Jumpers are engineered for the complete execution of today's FTTH application needs. We have a large stock of cables and connectors for a fast turnaround on custom assemblies.

These factory-based assemblies are machine polished to ensure excellence in performance intermateability and durability. All jumpers are video inspected to ensure connector end-faces are free of defects and contamination. Insertion loss is tested using standard-based testing procedures.



SC/APC Simplex MDU drop fiber optic jumper

### APPLICATIONS

- Telecom
- Data transfer
- CATV
- Indoor & outdoor applications
- FTTX

### GENERAL CHARACTERISTICS

- Custom lengths
- Variety of standard lengths ranging from 5 ft up to 500 ft
- For 5 ft jumpers optical return loss test report won't be available
- Serial number for each jumper
- Insertion loss  $\leq 0.2$  dB
- SC/APC polish connectors
- Return loss  $\geq -65$  dB (APC)
- Available in 3 mm & 4.8 mm OD

### STANDARDS

- RoHS

**Note:** Illustrative images



Many of our fiber optic cable assemblies are highly configurable. If you don't see what you are looking for or have questions about our ordering matrix contained on this spec sheet, please email us [info@mexfoserv.com](mailto:info@mexfoserv.com)



### SPECIFICATIONS

SINGLE-MODE SPECIFICATIONS	
CONNECTOR TYPE	SC
CONNECTOR POLISHING	APC (ANGLED PHYSICAL CONTACT)
Standard body color	Green
3 mm & 4.8 mm boot color	Green
*Max. Insertion Loss (1310nm & 1550nm)	≤ 0.20 dB
*Min. Return Loss (1310nm & 1550nm)	≥ -65 dB
Ferrule Type	Ceramic
Ferrule Diameter	2.5mm
Operational Temperature	-20°C ~ 60°C [-4°F ~ 140°F]
Max.attn. on Cable	0.4{1310nm} / 0.3{1550nm} (dB/Km)

### DROP CABLES

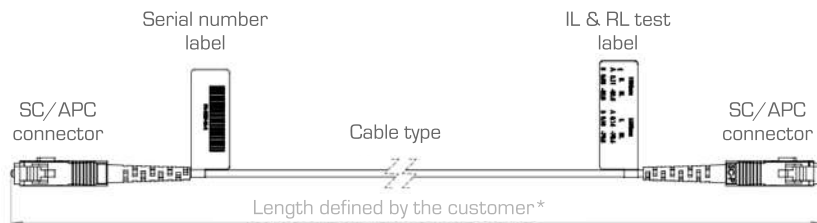


**Fig. 1** 3.0 mm & 4.8 mm MDU CABLE



**Fig. 2** 3.0 mm & 4.8 mm MDU CABLE WHITE

### DIMENSIONS



Illustrative image

- Notes:** \* Jumper length tolerances are the following:
- L ≥ 5 ft up to 25 ft; + 6 in / - 0.0 in
  - L ≥ 26 ft up to 500 FT; + 1% in / - 0.0 in

The label of serial/part number and the IL & RL test label will always be printed and placed at opposite ends.



### INDIVIDUAL PACKAGING

PACKAGING SPECIFICATIONS							
Length	Individual zipper bag (3 mm)	Individual zipper bag (4.8 mm)	3" X 4" 10000284 Label	Master box	Quantity of zipper bags into master box (3 mm)*	Quantity of zipper bags into master box (4.8 mm)* *	Master boxes per pallet
5 - 25 FT	1 (1141)	1 (1141)	1	FONCS02-M 30 x 25 x 25 cm (11.81 x 9.84 x 9.84") carton master box	45 pcs	25 pcs	60
26 - 125 FT	1 (1141)	1 (1119)	1		17 pcs	8 pcs	
126 - 200 FT	1 (1119)	1 (1119)	1		10 pcs	4 pcs	
201 - 350 FT	1 (1119)	1 (S-12256)	1		5 pcs	3 pcs	
351 - 500 FT	1 (S-12256)	1 (S-12256)	1		4 pcs	2 pcs	

**1141:** 20 x 20 cm (8 x 8") ziplock bag / **1119:** 25 x 30 cm (10 x 12") / **S-12256:** 30 x 45 cm (12" x 18")

Note: Every master box has a 3" X 4" 10000284 Label

### LABELING INFORMATION



**Notes:**

- 1. One label will be located on the individual bag for 1 individual assembly. Other label will be located on the master box. This one will mention the amount of total pieces inside the master box. Various codes may apply, only one label per code.
- 2. If Final Inspection & Geometry tests are required in a printed version, these have an additional cost. Please request quotation with your Sales Executive.
- 3. If you require your cable assemblies on a reel, please contact your Sales Executive to request your quotation.

### PALLET PACKAGING

PALLET SPECIFICATIONS	
Pallet dimensions	Standard pallet (1113-CERT) 1.0 x 1.2 meters (40 x 48")
FONCS02-M master box maximum capacity	5 beds with 12 boxes in each bed, 60 FONCS02-M boxes in total on the pallet, protected by stretch wrap, strapping and corner protectors.



Fig. 3 Pallet packaging

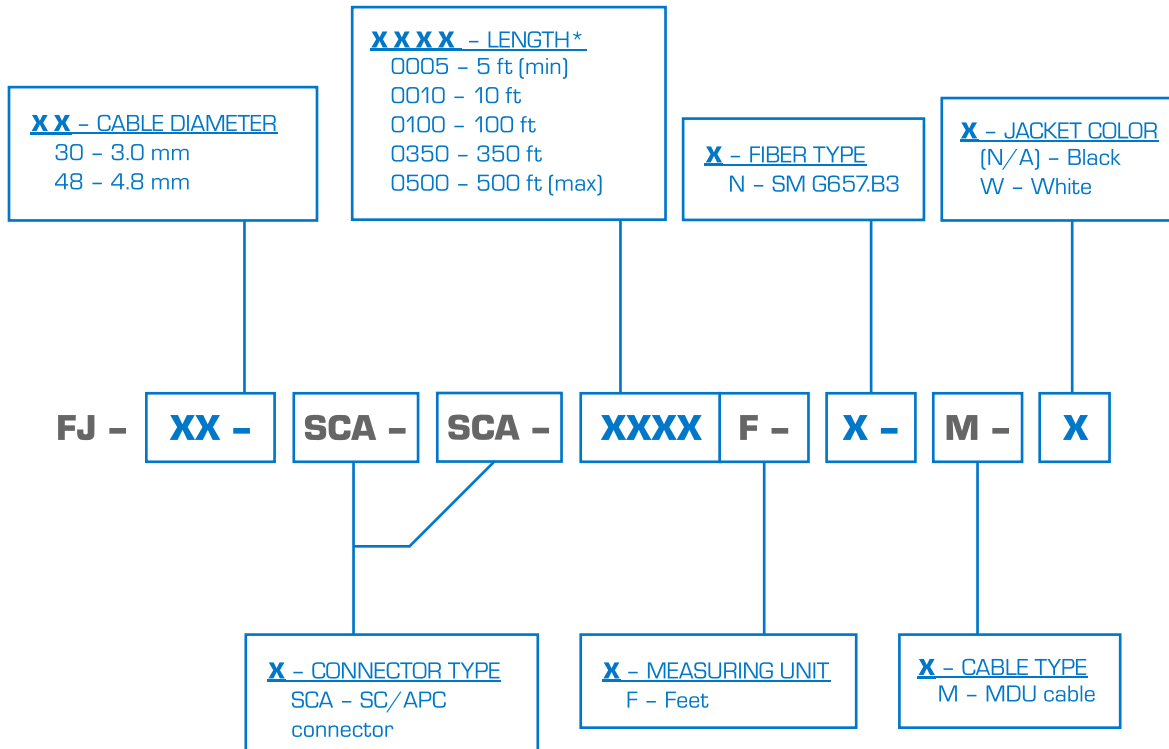


Fig. 4 FONCS02-M



**ORDERING MATRIX**

## MDU DROP FIBER OPTIC JUMPER



**Note:** \*MEXFOSERV® stocks standard 5ft, 10ft, 15ft, 25ft, 50ft, 100ft, 150ft, 200ft, 250ft, 300ft, 400ft and 500ft configuration lengths.

