

MDU DROP FIBER OPTIC FAST ACCESS JUMPER

FJ-30-SCBA-SCA-XXXXM-N-M

INDOOR OUTDOOR CABLE ASSEMBLIES

The MEXFOSERV® fiber optic MDU fast access jumpers are engineered for the complete execution of today's FTTH applications 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 interchangeability and durability. MDU jumpers are ideal to be installed through microducts. All MDU assemblies can be pulled in all FieldShield® microducts and small holes in most FTTH scenarios. This special connector reduces installation time and removes the need to splice on-field by simply installing the housing after installation.



APPLICATIONS

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

GENERAL CHARACTERISTICS

- Custom lengths
- Variety of standards lengths ranging from 2 mts up to 300
- For 2 mts jumpers optical return loss test report won't be available
- Serial number for each jumper
- Insertion loss $\leq 0.3\text{dB}$
- APC polish
- Return loss $\geq -65\text{dB}$ (APC)
- Available with SC connectors

*Fast Acces protective tip connector to standard SC/APC connector jumper

STANDARDS

- GR - 326 - 4.4.3.4 Proof test
- ROHS

Notes: Illustrative images

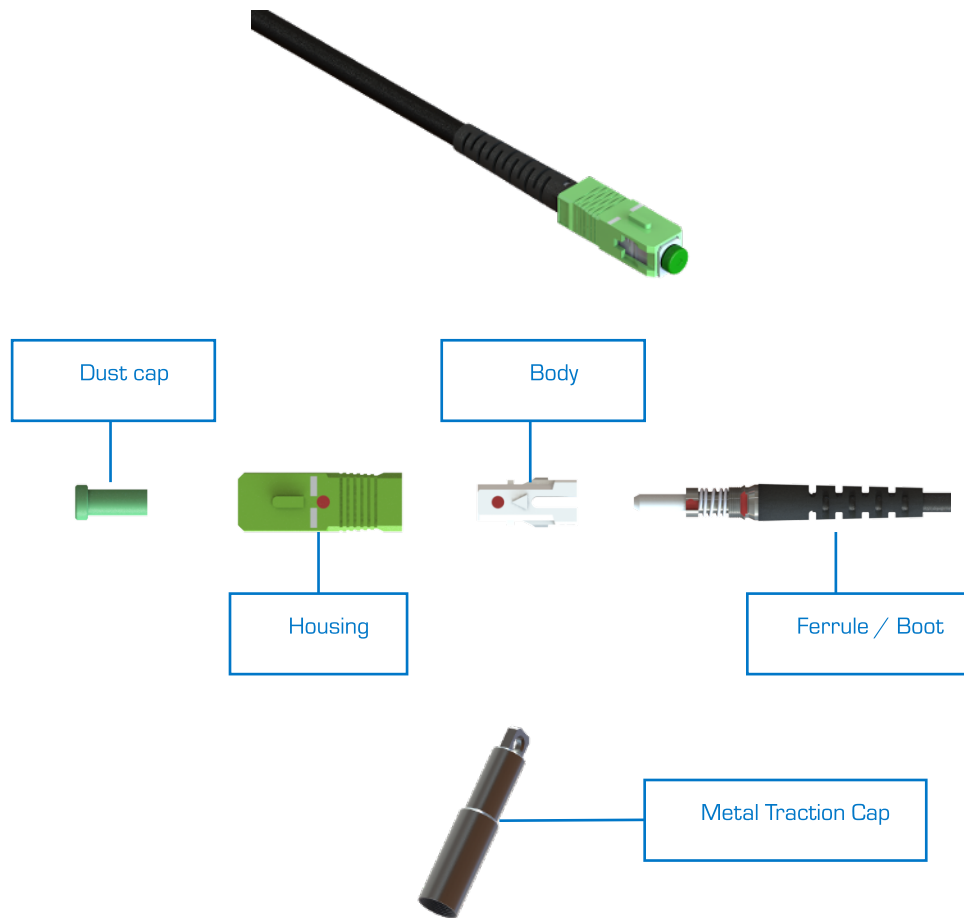
*This assembly contains an on-field kit connector



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



CONNECTOR SPECIFICATIONS



SC/APC FAST ACCESS CONNECTOR	
CONNECTOR TYPE	SC
CONNECTOR POLISHING	APC (ANGLED PHYSICAL CONTACT)
Standard body color	Green
3 mm boot color	Green/Black[FAST ACCES]
*Max. Insertion Loss (1310 nm & 1550 nm)	≤ 0.30 dB
*Min. Return Loss (1310 nm & 1550 nm)	≥ 65 dB
Ferrule Type	Ceramic
Ferrule Diameter	2.5 mm
Operational Temperature	-20°C ~ 60°C (-4°F ~ 140°F)

DROP CABLES

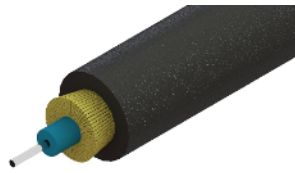
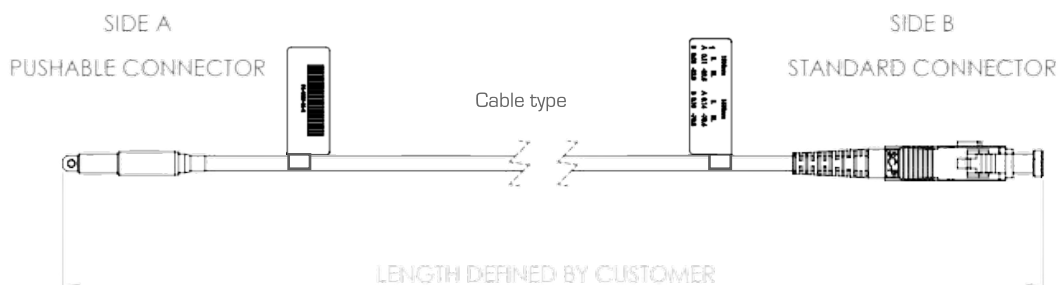


Fig. 1 3.0 mm MDU CABLE
BLACK

MDU FRTPU	
Dielectric Strength Member	Water Blocking Aramid Yarn
Outer Jacket Material Thickness	FRTPU Thickness / 0.9 mm (0.04 in)(±5%)
Storage/Operation/Installation	-20°C ~ 60°C (-4°F ~ 140°F)
Maximum Crush Resistance	350 N/ 100 mm
Minimum Bend Radius	10 x OD / 2020 x OD
Nominal Outer dimensions	2.95mm (0.12in)(±5%)
Tensile Strenght	66(N)(Long-Term)/ 49(N)(Short-Term)
Cable Weight[kg/ km](±5%)	7.8
Fiber Type	G657.B3

DIMENSIONS



Notes: *Jumper length tolerances are the following:
 $L \geq 2 \text{ m up to } 10 \text{ m; } +0.1524 \text{ m} / -0.0 \text{ m}$
 $L \geq 10.0 \text{ m; } +3\% / -0.0 \text{ m}$



PACKAGING LABELING



www.mexfoserv.com
info@mexfoserv.com

PRODUCT CODE: FJ- 30- SCBA- SCA- XXXM- N- M- XX

DESCRIPTION:

1MM SCBA- SCA XXX M SM GR57.B1 MDU BLK DROP PUSHABLE JUMPER

1310nm	1550nm
IL RL	IL RL
A1	
B1	

QTY: XX PCS



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PRODUCT CODE: FJ- 30- SCBA- SCA- XXXM- N- M- XX

DESCRIPTION:

1MM SCBA- SCA XXX M SM GR57.B1 MDU BLK DROP PUSHABLE JUMPER

QTY: XX PCS



FJ-30-SCBA-SCA-XXXM-X-M-XX

1.

1. Label located on the individual bag will include IL & RL Results

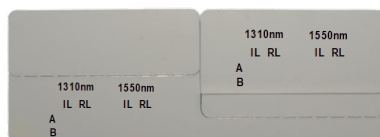
2.

2. Label located on the Master Box will NOT include IL & RL Results

ASSEMBLY LABELING



Side A
Serial Number
Label



Side B
IL & RL Test
Label

Notes:

- 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.
- If Final Inspection & Geometry tests are required in a printed version, these have an additional cost. Please request quotation with your Sales Executive.
- If you require your cable assemblies on a reel, please contact your Sales Executive to request your quotation.



INDIVIDUAL PACKAGING

PACKAGING SPECIFICATIONS					
Length	Individual Zipper Bag	3" X 4" 10000284-ILRL-MEXJ Label	Master box	Quantity of Zipper Bags into master box	Master boxes per pallet
2 m - 10 m	1141	1	FONCS02-M 30 x 25 x 25 cm (11.81 x 9.84 x 9.84")	20 pcs	60 pcs
15 m - 25 m				17 pcs	
30 m - 45 m				15 pcs	
60 m - 75 m				10 pcs	
90 m	1119			6 pcs	
150 m	S-12256			5 pcs	
300 m			FONCS03-M 60 x 30 x 25 cm (23.622 x 11.811 x 9.84 in)	4 pcs	36 pcs
1141: 20 x 20 cm (8 x 8") Zipper Bag / 1119: 25 x 30 cm (10 x 12")/ S-12256: 30 x 45 cm (12" x 18")					

PALLET PACKAGING

PALLET SPECIFICATIONS	
Pallet dimensions and weight	Pallet 1113-CERT 1.0 x 1.2 meters (40 x 48") 20 kgs (44 lbs)
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.
FONCS03-M master box maximum capacity	6 beds with 6 boxes in each bed, 36 FONCS03-M boxes in total on the pallet, protected by stretch wrap, strapping and corner protectors.



PACKAGING

Packing list
2 - 75 m



Pullable Cable Jumper



Zipper Bag (1141)



FONCS02-M



Pallet packaging

Packing list
90 m



Pullable Cable Jumper



Zipper Bag (1119)



FONCS02-M



Pallet packaging

Packing list
150 - 300 m



Pullable Cable Jumper



Zipper Bag (S-1256)

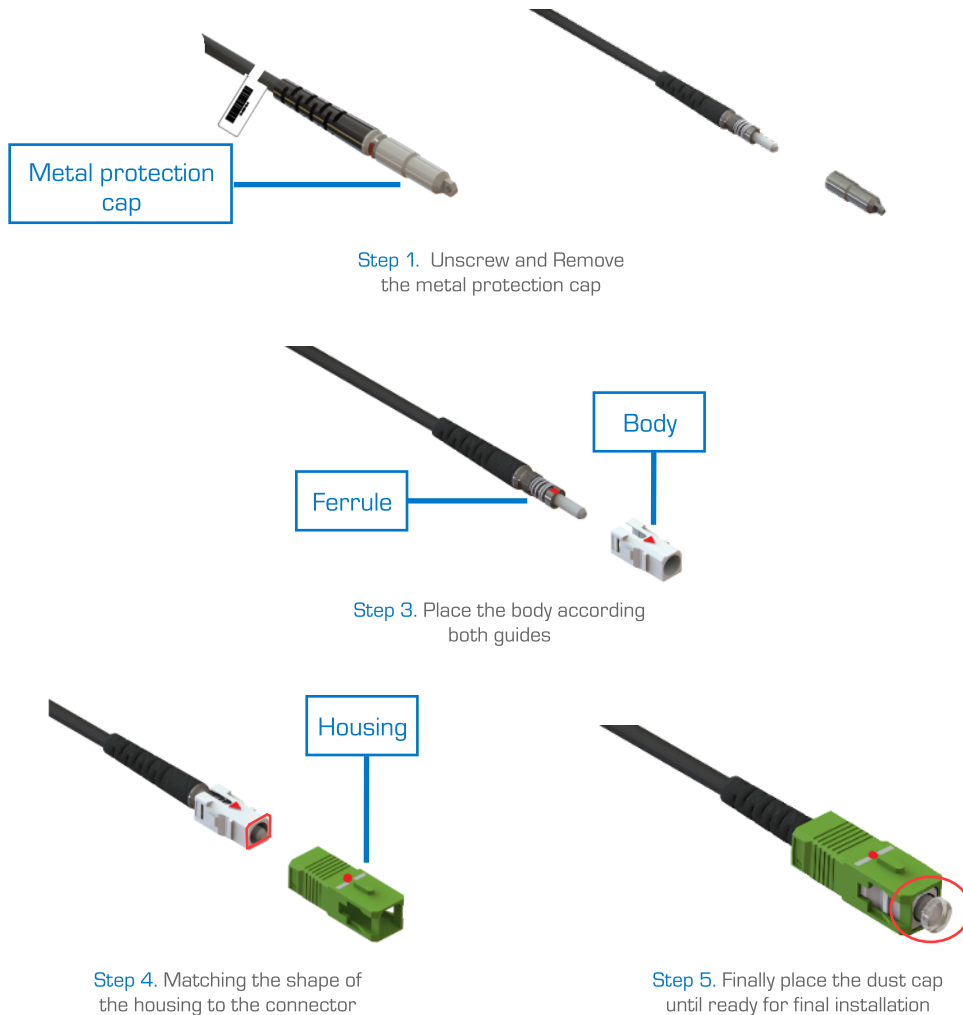


FONCS03-M



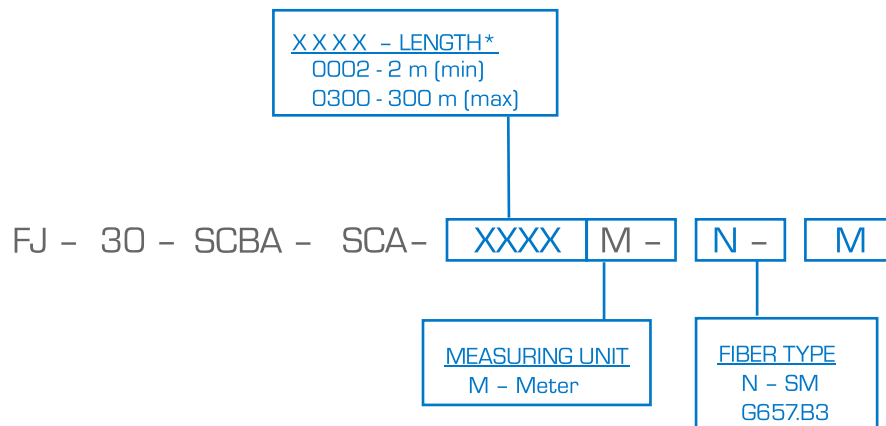
Pallet packaging

CONNECTOR INSTALLATION



ORDERING MATRIX

MDU DROP FIBER OPTIC FAST ACCESS JUMPER



Note: *MEXFOSERV® stocks standard 2m, 5m, 10m, 15m, 25m, 30m, 45m, 50m, 60m, 75m, 90m, 150m, 300m, 350m, 400m configuration lengths.

