

DROP FIBER OPTIC JUMPER

FJ-XX-SCA-SCA-XXXXX-X-M-X
PATCH CORDS

The MEXFO SERV® Fiber Optic Jumpers are available in various fiber types, fiber/cable constructions and connector options. 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 drop fiber optic jumper

APPLICATIONS

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

GENERAL CHARACTERISTICS

- Custom lengths
- Variety of standard lengths ranging from 1m (3.28 ft) up to 100m (328 ft)
- Serial number for each jumper
- Insertion loss ≤ 0.2 dB
- APC polish
- Return loss ≥ -65 dB (APC)
- Available in 3mm & 4.8mm OD
- Available with SC connectors

STANDARDS

- RoHS
- ANSI/TIA-568-C.3
- ANSI/TIA-598-C
- GR-326-CORE
- GR-1221-CORE
- GR-1209-CORE

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



SPECIFICATIONS

SINGLE-MODE SPECIFICATIONS	
	APC (ANGLED PHYSICAL CONTACT)
CONNECTOR TYPE	SC
Standard body color	Green
3mm & 4.8mm 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	-40°C ~ 70°C [-40°F ~ 158°F]

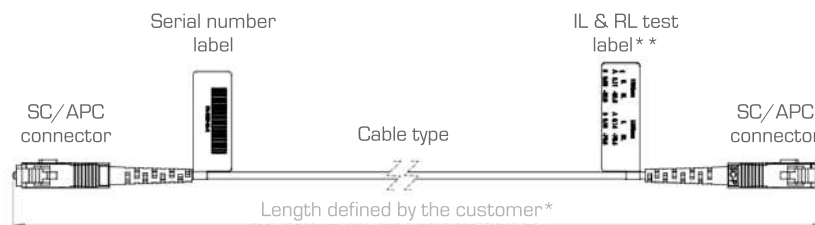
* As per the tables above, maximum insertion loss (IL) & return loss (RL) fall well below the maximum connector IL & RL allowed under GR-1221-CORE & GR-1209-CORE.

DROP CABLES



Fig. 1 3.0mm & 4.8mm MDU CABLE

DIMENSIONS



Illustrative image

Notes: * Jumper length tolerances are the following:

L ≥ 1.0 m; +0.15 m / - 0.0 m

L ≥ 10.0 m; +3% / -0.0 m

** IL & RL test results will not be shown individually if the jumper has a hybrid configuration.



INDIVIDUAL PACKAGING

PACKAGING SPECIFICATIONS				
3 mm JUMPER	4.8mm JUMPER	QTY.	CONTENT	ILLUSTRATIVE IMAGES
Lengths (L) up to 10 meters	Lengths (L) up to 5 meters	1	175x175x40mm (6.89x6.89x1.57") CC-MINI1 box	
		1	Cable ID label	
		1	MEXFOSERV® ID label	
		1	150x150mm (5.90x5.90") zipper bag (1140)	
10 meters < L ≤ 35 meters	6 meters < L ≤ 10 meters	1	240x205x27mm (9.45x8.07x1.06") CC-MINI2 box	
		1	Cable ID label	
		1	MEXFOSERV® ID label	
35 meters < L ≤ 50 meters	11 meters < L ≤ 20 meters	1	240x205x37mm (9.45x8.07x1.46") CC-MINI3 box	
		1	Cable ID label	
		1	MEXFOSERV® ID label	
51 meters < L ≤ 100 meters	21 meters < L ≤ 50 meters	1	500x99x498mm (19.69x3.9x19.61") FONCS14-M box	
		1	Cable ID label	
		1	MEXFOSERV® ID label	
	51 meters < L ≤ 100 meters	1	406mmx457mm (16x18") zipper bag (1129)	
		1	500x198x498mm (19.69x7.76x19.61") FONCS16-M box	
		1	Cable ID label	
		1	MEXFOSERV® ID label	
		1	508x508mm (20x20") zipper bag (S-12259)	

LABELING INFORMATION



Notes:

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



MASTER BOX PACKAGING SPECIFICATIONS

MASTER BOX SPECIFICATIONS		
MASTER BOX DIMENSIONS	INDIVIDUAL PACKAGE	QUANTITY
375x375x225mm (14.76x14.76x8.86") CC-A02 master box	175x175x40mm (6.89x6.89x1.57") CC-MINI1 box	16 individual boxes
	240x205x27mm (9.45x8.07x1.06") CC-MINI2 box	15 individual boxes
	240x205x37mm (9.45x8.07x1.46") CC-MINI3 box	12 individual boxes
445x445x360mm (17.52x17.52x14.17") CC-A01 master box	175x175x40mm (6.89x6.89x1.57") CC-MINI1 box	42 individual boxes
	240x205x27mm (9.45x8.07x1.06") CC-MINI2 box	35 individual boxes
	240x205x37mm (9.45x8.07x1.46") CC-MINI3 box	26 individual boxes
503x511x604mm (19.8x20.12x23.78") FONCS15-M master box	500x99x498mm (19.69x3.9x19.61") FONCS14-M box	6 individual boxes
	500x198x498mm (19.69x7.76x19.61") FONCS16-M box	3 individual boxes



CC-A02 box



CC-A01 box



FONCS15-M box

PALLET PACKAGING	
Pallet	Standard pallet 1x1.2 mts. (20 kgs.)
CC-A01 master box maximum capacity	5 beds with 4 boxes in each bed, 20 CC-A01 boxes in total on the pallet, protected by stretch wrap, strapping and corner protectors.
FONCS15-M master box maximum capacity	4 beds with 4 boxes in each bed, 16 FONCS15-M boxes in total on the pallet, protected by stretch wrap, strapping and corner protectors.



Pallet packaging

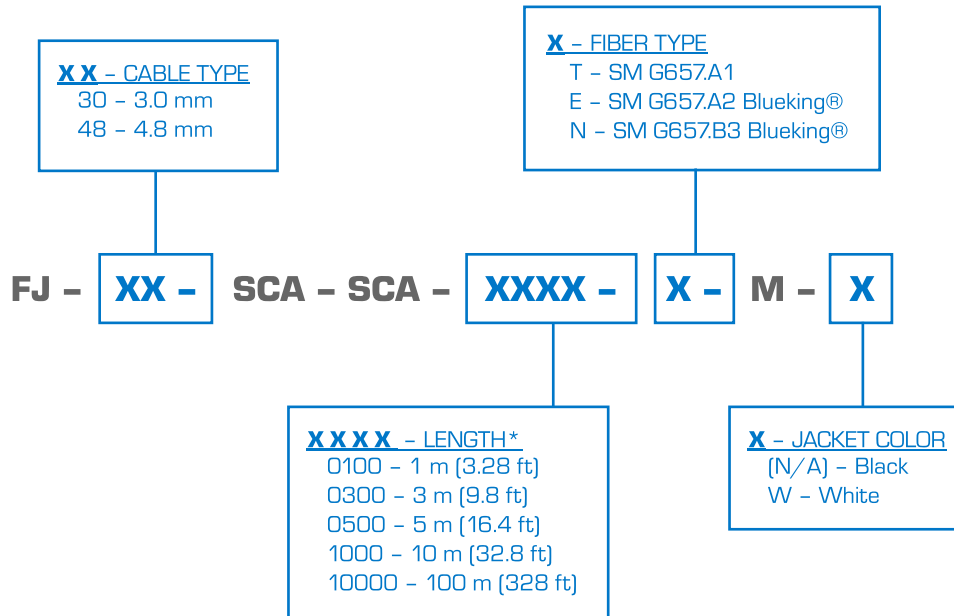


PRODUCT WEIGHT

CABLE WEIGHT SPECIFICATION TABLE				
LENGTH	INDIVIDUAL JUMPER WEIGHT (KG) (3MM/4.8MM)	CC-A02 BOX WEIGHT (KG) (3MM/4.8MM)	CC-A01/ FONCS15-M BOX WEIGHT (KG) (3MM/4.8MM)	PALLET WEIGHT (KG) (3MM/4.8MM)
1m (3.28ft)	0.02 / 0.03	0.82 / 0.98	1.34 / 1.76	46.8 / 55.2
2m (6.56ft)	0.03 / 0.05	0.98 / 1.3	1.76 / 2.6	55.2 / 72
3m (9.84ft)	0.03 / 0.07	0.98 / 1.62	1.76 / 3.44	55.2 / 88.8
5m (16.41ft)	0.05 / 0.10	1.3 / 2.1	2.6 / 4.7	72 / 114
10m (32.81ft)	0.09 / 0.18	1.94 / 3.2	4.28 / 6.8	105.6 / 156
15m (49.22ft)	0.13 / 0.27	2.45 / 3.74	5.05 / 7.52	121 / 170.4
20m (65.62ft)	0.17 / 0.35	3.05 / 4.7	6.45 / 9.6	149 / 212
25m (82.03ft)	0.21 / 0.48	3.65 / -	7.85 / 3.38	177 / 87.6
30m (98.43ft)	0.25 / 0.56	4.25 / -	9.25 / 3.86	205 / 97.2
50m (164.05ft)	0.40 / 0.89	5.3 / -	10.9 / 3.17	238 / 83.4
75m (246.08ft)	0.64 / 1.31	- / -	4.34 / 4.43	89.44 / 90.88
100m (328.10ft)	0.84 / 1.73	- / -	5.54 / 5.69	108.64 / 111.04

ORDERING MATRIX

DROP FIBER OPTIC JUMPER



Note* Mexfoserv® stocks standard 1m (3.28ft), 2m (6.56ft), 3m (9.84ft), 5m (16.4ft), 10m (32.8ft), 15m (49.21ft), 20m (65.61ft), 25m (82.02ft), 30m (98.42ft), 50m (164.04ft), 75m (246.06ft) and 100m (328.08ft) in most configurations.

