

FOSC-DMARC

Manufactured by Cable Accessories Ltd under license from CommScope

Outside Plant Demarcation Point

TELECOM OUTSIDE PLANT

FOSC-DMARC closure is the environmentally sealed enclosure for the fiber management system that provides the functions of fiber splicing and patching in the external network.

FOSC DMARC saves operators from having to allocate and manage precious indoor space for meet me facilities.

The single-element design makes the FOSC-DMARC the ideal solution for a flexible carrier demarcation point with a capacity of up to 4 carriers of 12 fibers each. Extra carriers/customers can be connected to the backbone side of the network without disturbing other, already connected carriers/customers.

FOSC-DMARC has the following functions and features

- Single-ended design
- Base and dome are made of a thermoplastic material and are sealed with a clamp and O-ring system
- 5 round entry/exit ports for drop cables and 1 oval port for 2 cables are included in the base
- Cable can be sealed with either heatshrink for older duct type cables or cold applied gel seals for Mini cable
- Splicing and patching area are separated by 2 hingeable doors with individual integrated lock
- Carrier side: pigtail strain relief panel (48 pigtails or for the full patch version a 48 connector patchpanel)
Backbone side: 48 connector patchpanel, suitable for all connector adapter types
- Pigtail or jumper overlength storage area
- Adaptors use the latest precision alignment sleeves to IEC 61754. All connectors are low insertion loss IEC 61755-1 Grade B
- Factory-installed transportation tubes allow a fast and easy installation
- Pre-fibered of pigtails at backbone side and/or carrier side is possible
- Closures are standard equipped with ground feed-through and pressure relief valve



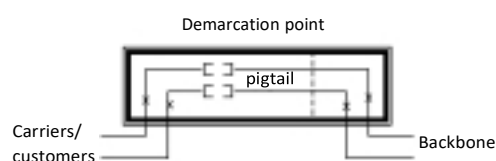
FOSC-DMARC

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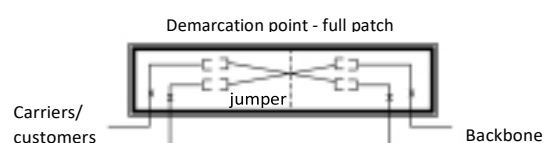
Dimensions and capacities

	FOSC-DMARC	The network element has two sides - backbone side - carrier side which are physically separated from each other (e.g. by a lockable door). Extra carriers/customers can be connected to the backbone side of the network.
Dimensions (mm)		
Length	710	
Diameter without clamp	240	
Diameter with clamp	260	
Splicing and patching capacity (fibers)		
Backbone side	48	
Carrier side	48	
Cable ports		
1 Oval port for 2 cables with $\varnothing$ range each	10-25 mm	
5 Round ports for 1 cable each with $\varnothing$ range	5-28 mm	

Demarcation point



Demarcation point-full patch



Ordering information

FOSC-DMARC - XX X

Connectors and adapters at backbone side (48 pieces)

S0	SC/PC	E1 E2000
S1	SC/UPCE2	E2 E2000 HRL
S2	SC/APC	T1 ST/UPC (monomode)
F0	FC/PC	D1 DIN/UPC
F1	FC/UPC	D2 DIN/APC
F2	FC/APC	

Tray at carrier and backbone side

K	4 SE12/4 trays with SMOUV spliceholders
L	4 SE12/4 trays with ANT spliceholders

Consumables, accessories and tools

Contact Cable Accessories Ltd

FOSC-DMARC-FP- XX X -XX

Full patch version

Connectors and adapters at backbone/carrier side

S0	SC/PC	E1 E2000
S1	SC/UPCE2	E2 E2000 HRL
S2	SC/APC	T1 ST/UPC (monomode)
F0	FC/PC	D1 DIN/UPC
F1	FC/UPC	D2 DIN/APC
F2	FC/APC	

Tray at carrier and backbone side

K	4 SE12/4 trays with SMOUV spliceholders
L	4 SE12/4 trays with ANT spliceholders

Number of connectors and adapters

(evenly spread over 2 patching areas)

24, 48, 72 or 96

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