



FOSC-DMARC

Outside plant demarcation point

The 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.

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 seals are manufactured from heat-shrinkable material
- 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
- Factory-installed transportation tubes allow a fast and easy installation
- Pre-fibering of pigtails at backbone side and/or carrier side is possible
- Closures are standard equipped with ground feed-through and pressure relief valve

Dimensions and capacities

	FOSC-DMARC
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

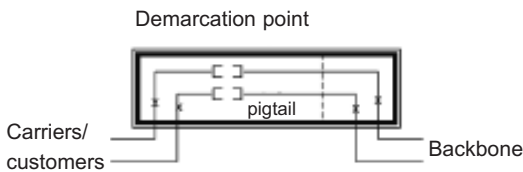
The network element has two sides

- backbone side
- carrier side

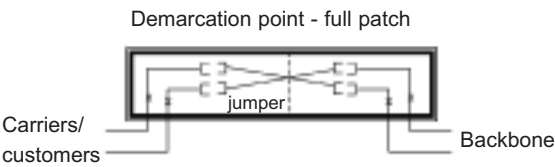
which are physically separated from each other (e.g. by a lockable door).

Extra carriers/customers can be connected to the backbone side of the network.

Demarcation point



Demarcation point-full patch



Ordering information

FOSC-DMARC-XX X

Connectors and adapters at backbone side (48 pieces)

S0	SC/PC	E9	E2000 HRL
S1	SC/UPC	T0	ST/PC
S2	SC/APC 8°	D0	DIN/PC
F0	FC/PC		
F1	FC/UPC		
F2	FC/APC 8°		

Tray at carrier and backbone side

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

FOSC-DMARC-FP-XX X -XX

Full patch version

Connectors and adapters at backbone/carrier side

S0	SC/PC	E9	E2000 HRL
S1	SC/UPC	T0	ST/PC
S2	SC/APC 8°	D0	DIN/PC
F0	FC/PC		
F1	FC/UPC		
F2	FC/APC 8°		

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

Consumables, accessories and tools

See FOSC-DMARC ordering guide.

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Tyco Electronics Raychem NV
Diestsesteenweg 692
3010 Kessel-Lo, Belgium
Tel 32-16 351 011 (USA)1-919-557-8900
Fax 32-16 351 697 (USA)1-919-557-8498
www.tycoelectronics.com
www.telecomosp.com
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