



FOSC OPGW

FOSC Optical Grounding Wire Closure

The FOSC OPGW, part of the FOSC 400 closure family, is a single-ended closure system specially developed for use on the optical grounding wires of overhead electrical power lines.

The closure is suitable for use above ground; it can be attached to high voltage towers, poles, walls or other support structures.

Features

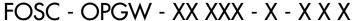
- Single-ended design with valve
- A galvanized steel mounting frame holds the thermoplastic dome and base and the OPGW cable clamps
- A pole mounting kit is included which allows the closure to be mounted on a traverse strut of a high voltage tower without the need to drill holes in the metal construction
- A stainless steel shot-gun protection enclosure is optionally available. It permits the termination and sealing of:
 - 2 OPGW cables
 - 2 ADSS or conventional buried fiber optic cables
- Cable seals are manufactured from heatshrinkable material
- Internal storage utilizes FOSC splice trays which are hinged for access to any splice without disturbing other trays
- Butt splice closure
- Heat-shrink technology
- Hinging splice trays
- Superior fiber management for optical grounding wires

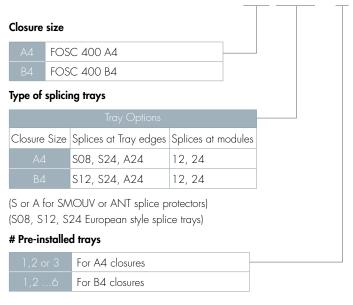
Ordering Information

Closure size	FOSC 400 A4	FOSC 400 B4	
Dimensions (in mm)			
Width x depth	202 x 240	202 x 240	
Length without protection enclosure	605	715	
Length with protection enclosure	7300	730	
Splice capacity (in # of fibers)	Splices at tray edges	Splices in modules	
Number of splice trays*	3	2	4 (6)*
Single fiber**	72	48	144**
Cable ports			
4 round ports for 1 cable each with ø range			

^{*} The B4 version can be fitted with 5 or 6 trays. However, this option must be selected when the closure is first ordered, as it requires special engineering and the standard base cannot be upgraded to accept 5 or 6 trays.

Ordering Information





		With	With protection enclosure				
	1	Without protection enclosu					
Type of spli	cing trays						
		DPGW cab	ole type	(*)			
		(A) CC with loose tube	.	(B) Metal loose tubes only			
Cable type	Cable dia. (mm)	Max. C0 dia. (r		Max number of metal tubes	Sele		
OPGW -	9-12	7.5	5	3	А		
	12-14	10.	5	3	В		
	14-16	12.5		3	С		
	16-18	14		3	D		
FO cable	5-19	N/A	Ą	N/A	Е		

Same options are for 2nd cable feed-through, except option E

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^{**} Splicing capacity is based on 45 mm fusion splice protectors.