

Dome Splice Closure (Mechanical)



Features & Benefits

- High impact PP plastic+UV resistance agent
- 96 cores, Maximum 4 trays, each tray for 24F splicing
- 6pcs Ø18mm ports (2pcs Ø12mm extra spare parts)
- Mechanical sealing
- IP68



Overview

The fiber optic dome splice closure is well-suited for splicing, distributing variable optical cables, and splitting. The solid box shell and the main structure are built to withstand harsh environments. The dome closure also protects fiber optic cables from vibration, impact, stretching, twisting, and other damaging events. The closure works in -35° C to 70°C environments, is cold and heat resistant, offers electrical insulation, and is resistant to chemical corrosion.

Application

- Wall, pole or strand mount
- Manhole, buried and aerial joints
- All ultra-high speed networks
- Ultra small, suitable for all applications
- Ideal for emergency repairs of damaged fiber optic cables

Technical Data

Mechanical Data

Specification	Value			
	12F	24F	48F	96F
Dimension (mm)	489 x 168 ø	489 x 168 ø	489 x 168 ø	489 x 168 ø
Cassettes	2	2	4	4
Sealing type	Mechanical	Mechanical	Mechanical	Mechanical
Air test	pass	pass	pass	pass
Water test	pass	pass	pass	pass
Drop test	pass	pass	pass	pass
Fiber type	Individual	Individual	Individual	Individual
Cable size supported mm	8 to 18	8 to 18	8 to 18	8 to 18

Note: Any fiber count upto 96F can be accommodated in this closure.

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Technical Data

Material used

Components	Materials
For Closure	PP
For Cassettes	ABS
For Sealing Arrangement	Silicon
For Cable clamping	SS 304

Ordering Information

Part Number	Description
FDSCAMDM1212	24F Fiber Optic dome Closure, loaded with 2 x 12F Splice tray
FDSCAMDM1214	48F Fiber Optic dome Closure, loaded with 4 x 12F Splice tray
FDSCAMDM2414	96F Fiber Optic dome Closure, loaded with 4 x 24F Splice tray



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