



FIBER OPTIC SPLICE CLOSURE SQUARE DOME

AR-SC7P-SQ-144F-M

DESCRIPTION

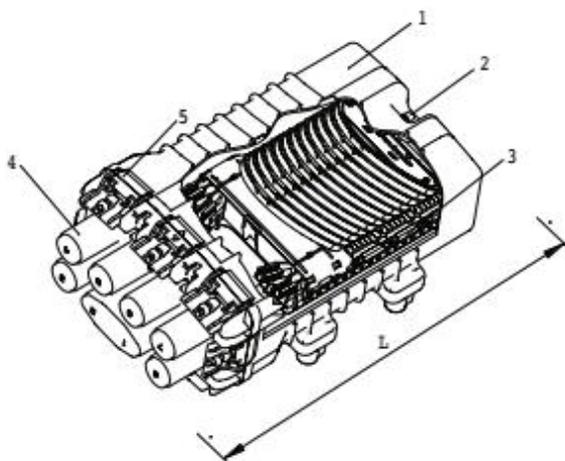
AR-SC7P-SQ-144F-M fiber optic splice closures are specially designed to protect joints of optic cable. Excessive fibers can be stored in storage baskets behind the splice trays. The optical fibers are fusion on sides of the tray. One tray can splice 24 fibers; Available for 6 trays to splice total 144 fibers. Adopt modified PP material, with anti-UV, anti-aging and corrosion resistance material. Good quality and long service life. It is reusable.

Model	Trays	Tray Capacity	Total Capacity (fibers)	Dimension mm	Entry Port dia.	Raw material
AR-SC7P-SQ-144F-M	12	12	144	450*255	6 round ports available for cable dia. <30mm 1 oval port available for two pcs dia. ≤82mm	Dome & base: Modified P.P + GF Tray: ABS
Sealing Method			Mechanical sealing with gland type entry port			

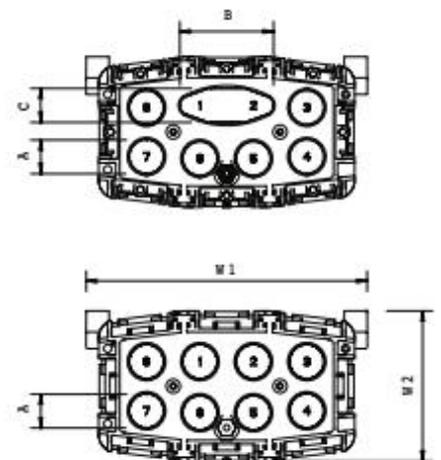
APPLICATION

It can be installed in aerial locations, ducted applications, direct buried, manholes. Small volume but large capacity.

STRUCTURE DIAGRAM



- Key**
- 1 Dome
 - 2 Optional valve
 - 3 Wrap-around groove plates
 - 4 Base
 - 5 Latch



FEATURES

- 1 Excessive fibers can be stored in storage baskets. Easy in fiber management.
- 2 Fully mechanical sealing. Easy installation and reentry. No other sealing adhesive tape is needed.
- 3 Base and dome sealed with clamp and O-ring system. Cable entry ports sealed with rubber.
- 4 The splice trays are hinged for access to any splice tray, without disturbing other trays.
- 5 The inner parts and fixing parts are made of stainless steel.
- 6 With a earthing device protect it from damage by lightning.
- 7 Compatible with most cable types(single fiber or ribbon), and cable constructions (loose tube, central core, slotted core, modular). And the product can be used in any environment (aerial, buried, handhole, manhole) and in many applications (tap-off, expressed, branch, and repair).

TECHNICAL PARAMETER

- 1 **Working Temperature:** -40 degrees centigrade~+70 degrees centigrade
- 2 **Atmospheric Pressure:** 70~150Kpa
- 3 **Axial Tension:** >2000N/1min
- 4 **Stretching Resistance:** 2500N/10 square centimetre(1min)
- 5 **Insulation resistance:** >2*10⁴MΩ
- 6 **Voltage Strength:** 15KV/1min, no arcover or breakdown
- 7 **Pressure in the water:** 50m/72hours
- 8 **Splice tray with optical taking-in radius:** 30mm. Low optical loss.