



Fibre Optic Low Count Splice Dome Closures

Application

The Tank Fibre Low Count Splice Dome Closure range has been designed for a maximum of 48 splice connections, suitable for cable-to-cable splicing with fibre branching for use in both Aerial and Underground applications.

In order to meet a variety of application requirements, the unique design of the product allows the TFO Low Count Splice Dome Closure to be fully customized, also easily adjusting the cable entry spigot configuration, diameter and length of the closure.

The TFO Low Count Splice Dome Closure provides a selection of 1 or 2 double side fibre trays. Each tray can hold up to 24 fibres with sufficient storage area for the excess fibre. Splicing can be supported using either heatshrinkable sleeves or mechanical splice protectors, secured in splice protector holders.

The base and dome of the closure are clamped together with a mechanical swingclamp ring that requires no tools and sealed with a neoprene rubber O-ring.

The Dome Closure's come complete with heatshrink, installation instructions, cable cleaning, sealing and preparation kits.

Features

- Robust
- Durable
- Compact
- UV Stabilised
- Low cost installation
- Re-entry is simple and fast
- Locking facilities on closure clamp
- No special tools or sealing compounds required
- Suitable for Aerial and Underground applications



Tank Fibre Optic Low Count Splice Dome Closure

Technical Data

Maximum number of fibres	48
Maximum number of Trays	2
Protection Class (IP)	68
UV Stabilizer	Yes
Lockable	Yes
Flashing Valve	Optional
Earth Pin	Optional
Mounting Bracket	Optional
Material	Plastic: HD-PE
Colour Code RAL	RAL 9005
Colour	Black
Closure Sealing	Mechanical Clamp (no tools) & O-ring
Port Sealing	Heat Shrink Tubes
Preparation Kit	Yes
Installation Instructions	Yes

Specifications

The TFO Low Count Splice Dome Closure is manufactured out of High Density Polyethylene, giving it full resistance to alkaline earths, saltwater, fungal and putrefaction bacteria. The Splice Closure can be used in temperatures of -20 to 80° C, and water depths up to 6 meters.

TFO Low Count Versions

Code	Description
TJ202-1010	FO Dome Closure TFO B300-111B-B 300mm dome, 3 closed rigid spigot Ø15mm, with mounting bracket.
TJ202-1015	FO Dome Closure TFO B300-111B-B-Moulded Organiser 300mm dome, 3 closed rigid spigot Ø22mm, with mounting bracket.
TJ202-1024	FO Dome Closure TFO B300 0B (4x10 Flexis) 300mm dome, 1 closed rigid spigot Ø15mm, 4 flexis Ø10mm.
TJ202-2020	FO Dome Closure TFO C360 11/11B-B 24-48 350mm dome, 2 open/2 closed rigid spigot Ø22mm, with mounting bracket

Many sizes of cable port entries can be selected; rigid, flexible, or a combination of both. The TFO Dome Closure also has optional cable ports for loop through cables. The ports are sealed to the cable using adhesive lined heatshrinkable sleeves, while the cable is secured inside the closure to individual strain relief fixings.

The configuration and quantity of the entries are manufactured to meet the specified requirements.