



## Tank Fibre Optic Dome Closure

### Application

The Tank Fibre Optic Dome Closure range has been designed for a maximum of 96 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 Dome Closure to be fully customizable, also easily adjusting the cable entry entry port configuration, diameter and length of the closure.

The TFO Dome Closure comes with a variety of combinations to organise the fibres for splicing. Up to 8 trays can be supplied, each with the ability to accommodate 12 or 24 fibres using mechanical splice protectors. Splicing can be supported using either heatshrinkable sleeves or mechanical splice protectors, secured in splice protector holders. The closure has sufficient storage area for all reserve fibre.

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

Loop facilities entry can be provided for conventional or micro fibre cables. For aerial routing networks, the rubber Cablegrip is available. This features an easy, non-heatshrink seal application.

The Dome Closure's come complete with 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 Splice Dome Closure

### Technical Data

Maximum number of fibres	96
Maximum number of Trays	8
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/Rubber Cablegrip
Preparation Kit	Yes
Installation Instructions	Yes

### Specifications

The Tank Fibre Optic 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 Dome Closure Versions

Tank Code	Tank Description
<b>TJ203-1002</b>	<b>FO Dome Closure TFO E300-TT1-H-B-48F</b> 300mm dome, oval entry port Ø66 X 33mm, 2 rigid entry port Ø20mm, with heatshrink kit, with mounting bracket, up to 48 fibres.
<b>TJ203-1007</b>	<b>FO Dome Closure TFO E300-TT1-H-B-72F</b> 300mm dome, oval entry port Ø66 X 33mm, 2 rigid entry port Ø20mm, with heatshrink kit, with mounting bracket, up to 72 fibres.
<b>TJ203-1010</b>	<b>FO Dome Closure TFO E300 TT1-C-48F</b> 300mm dome, oval entry port Ø66 X 33mm, 2 rigid entry port Ø20mm, with Tank Cablegrip kit, with mounting bracket, up to 48 fibres.
<b>TJ203-1200</b>	<b>FO Dome Closure TFO E300-'O'B1111B-H-48F</b> 300mm dome, oval entry port Ø66 X 33mm, 4 rigid entry port Ø20mm, with heatshrink kit, up to 48 fibres.
<b>TJ204-1005</b>	<b>FO Dome Closure TFO E300 'O' 11B (6x10) B-72F</b> 300mm dome, oval entry port Ø50 X 20mm, 2 rigid entry port Ø20mm, 6 flexis Ø10mm, with heatshrink kit, with mounting bracket, up to 72 fibres.
<b>TJ204-1020</b>	<b>FO Dome Closure TFO E400-TT1-'O' 1111B-V-B-96F</b> 400mm dome, oval entry port Ø66 X 33mm, 4 rigid entry port Ø20mm, with heatshrink kit, with valve, with mounting bracket, up to 96 fibres.

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.