



# FIBER TOOLS

## OPTICAL FIBER PROTECTION BOX DROP FIBER ENCLOSURE KIT

The Drop Fiber Enclosure Kit can be used as a demarcation point to install fiber optic cable splices and as a repair product to reconnect damaged or severed drop fiber cables. Common fiber sizes of 8.1mm, 5.4mm and 5.1mm rectangular cables and 3.0mm and 5.1mm round cables are accommodated with the supplied sealing gaskets. Both fusion splices (total of 24) and two mechanical splices are securely positioned within the GR771 Telcordia compliant and IP68 rated enclosure. The enclosure can be permanently buried or mounted on the side of a building. Two DFE enclosures are typically used to repair a drop fiber as there is not enough slack cable to reconnect the fibers.

### FEATURES:

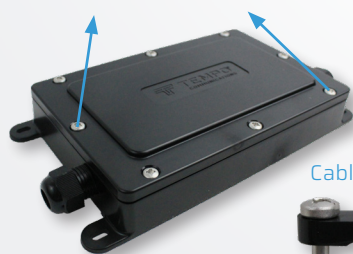
- IP68 rated for buried applications and element protection
- Accommodates up to 26 fibers
- Re-enterable for rework needs
- Individual gaskets for 8.1mm, 5.4mm rectangular and 3.0mm, 5.1mm round cable
- Fast assembly with common tools
- Telcordia GR771 compliant

### INDIVIDUAL GASKET FOR EACH CABLE SIZE:

8.1mm Rectangular    5.4mm & 5.1mm Rectangular    5.1mm Round    3.0mm Round    Solid Gasket

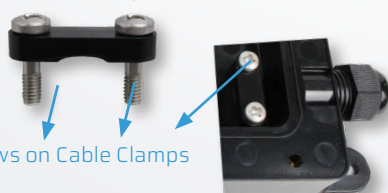


Captive Screws on Cover



Cable Clamp

Captive Screws on Cable Clamps



DFE100



DFE101



DFE104



 **TEMPO**  
COMMUNICATIONS

## COMPONENT PARTS:

| PART              | DESCRIPTION             | PRODUCT                                                                             | QUANTITY (TWO PORT) | QUANTITY (FOUR PORT) |
|-------------------|-------------------------|-------------------------------------------------------------------------------------|---------------------|----------------------|
| Case Top          | Polycarbonate, Black    |    | 1                   | 1                    |
| Case Bottom       | Polycarbonate, Black    |    | 1                   | 1                    |
| Rubber Gasket     | 8.1mm Rectangular       |    | 2                   | 4                    |
| Rubber Gasket     | 5.1mm/5.4mm Rectangular |    | 2                   | 4                    |
| Rubber Gasket     | 5.1mm Round             |    | 2                   | 4                    |
| Rubber Gasket     | 3.0mm Round             |    | 2                   | 4                    |
| Rubber Gasket     | No Hole                 |   | 0                   | 2                    |
| Cable Clamp       | 3mm Cable Clamp         |  | 2                   | 4                    |
| Mechanical Splice | L*W: 37*6mm             |  | 2                   | 2                    |

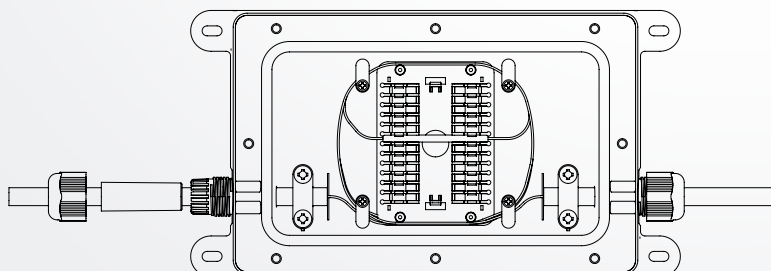
## SPECIFICATIONS:

|                             |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| IP Rating                   | IP68*                                                                  |
| Compliance                  | Telcordia GR771*                                                       |
| Size                        | 8.85 x 4.72 x 1.34" (225 x 120 x 34mm)                                 |
| Weight                      | 0.66lb (0.3kg)<br>0.8lb (0.36kg) [for the DFE104]                      |
| Cable Sizes                 | 8.1mm rectangular, 5.4mm & 5.1mm rectangular and 3.0mm and 5.1mm round |
| Fusion Splice Locations     | Twelve (60mm)                                                          |
| Mechanical Splice Locations | Two                                                                    |
| Color                       | Black                                                                  |
| Material                    | Polycarbonate (UV resistant)                                           |
| Operating Temperature       | -40 to +80C                                                            |
| Storage Temperature         | -40 to +80C                                                            |

\*Tempo Communications IP68 test results  
IP6x - Tested against dust ingress, no ingress occurred  
IPx8 - Tested against water ingress at 2m for 30 minutes, no ingress occurred  
Tested per IEC 60529

## STRUCTURE:

### EXAMPLE OF FIBER OPTIC SPLICE



## ORDERING INFORMATION:

| CAT. NO. | DESCRIPTION                                |
|----------|--------------------------------------------|
| DFE100   | Drop Fiber Enclosure Kit, Two Port in Line |
| DFE101   | Drop Fiber Enclosure Kit, Two Port Stub    |
| DFE104   | Drop Fiber Enclosure Kit, Four Port        |

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