



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 12) and two mechanical splices are securely positioned within the IP68 rated enclosure. The enclosure can be permanently buried or mounted on the side of a building. Two DFE100 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 14 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

INDIVIDUAL GASKET FOR EACH CABLE SIZE:

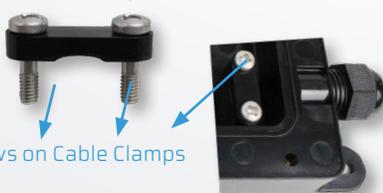
8.1mm Rectangular 5.4mm & 5.1mm Rectangular 5.1mm Round 3.0mm Round Solid Gasket



Captive Screws on Cover



Cable Clamp



Captive Screws on Cable Clamps



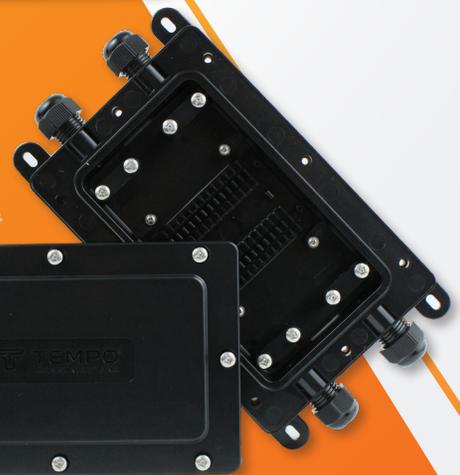
DFE100



DFE101



DFE104



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COMPONENT PARTS:

PART	DESCRIPTION	PRODUCT	QUANTITY (TWO PORT)	QUANTITY (FOUR PORT)
Case Top	ABS plastic, Black		1	1
Case Bottom	ABS plastic, 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

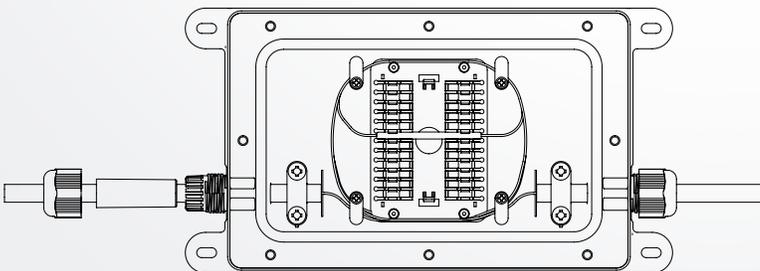
SPECIFICATIONS:

IP Rating	IP68*
Size	8.85 x 4.72 x 1.34" (225 x 120 x 34mm)
Weight	0.66lb (0.3kg) 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	ABS with 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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