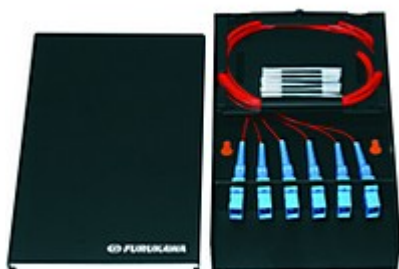


## DIO A146



**Product Type** Fiber Distribution Frame

**Product Family** TeraLan

### Description

The DIO A146 is characterized by internal disposal of the optical adapters that increase a protection of the adapters and optical patch cords. Composed by two main parts, sold separately:

- **DIO A146 - Basic Module** - Basic Module LC/SC or Basic Module ST/FC: responsible to accommodate and protect the fusion splices between the optical cable and optical pigtails.
- **Conectorized Optical Extension:** each kit connects 2 fibers. Composed by optical adapters and optical extensions (pigtails) necessary to splice with the optical cable.

### Applications

**Installation Environment** Indoor

**Operation Environment** Non Aggressive

**Warranty** 12 months

**Extended Guaranty** 15 or 25 years <sup>(1)</sup>

### Advantage

- The Basic Module holds up to 6 optical adapters;
- Can be installed in any type of plain vertical surface;
- Simple handle without any specials tools;
- Due to its compact size, can be installed at remote network location, requiring a minimum space;
- Associated with models A270, A115 or HD144 as distributors, is a low cost solution with technical characteristics required by optical distributed backbones;
- The DIO A146 could be applied to attend multi-users for high performance station or in factory environment that need electromagnetic immunity;
- Two access to cable entry at superior side - diameter limited at 13mm;
- Allow assembly of optical cables loose type, multicord or tight (pre-conectorized or not);
- Product protected and corrosion resistant, for the specified conditions of use in internal environments;

### Constructive characteristic

**High** 224mm

**Width** 135mm

<b>Depth</b>	35mm
<b>Painting Type</b>	
<b>Weight</b>	1,5 kg
<b>Color</b>	Black
<b>Connector Type</b>	LC, SC, ST and FC
<b>Polish Type</b>	PC (SPC/UPC) / APC
<b>Cable type</b>	Optical cable type "tight" or "loose" construction. <sup>(2)</sup>
<b>Positions Quantity</b>	02 up to 06 fibers
<b>Material of Product body</b>	Steel SAE1020
<b>Accessories Included</b>	<p><b>DIO A146 - Basic Module</b></p> <ul style="list-style-type: none"> <li>• 01 splice tray;</li> <li>• 07 splice protectors;</li> <li>• 02 small plastic clamps;</li> <li>• 02 medium plastic clamps;</li> <li>• 02 fixing bolts.</li> </ul>
<b>Complementary Accessories</b>	<p><b>Optical Connectorized extension<sup>(3)</sup></b></p> <ul style="list-style-type: none"> <li>• 02 optical adapters simplex or 01 duplex optical adapter;</li> <li>• 02 optical extensions.</li> </ul> <p>(Recommend the use of extension 0.9mm)</p>
<b>Performance</b>	
<b>Associated Solutions</b>	FTTH, Data Center, Commercial Building, Health, Education, Governmental and Residential
<b>Standards and Certifications</b>	
<b>Notes</b>	
<b>Note</b>	<p>1 - The warranty is exclusively for projects in accordance with Furukawa Extended Certified Program. Contact your Furukawa Certified installer for more details.</p> <p>2 - Compatible with Tera-Lan<sup>®</sup> optical cables - up to 6 fibers.</p> <p>3 - The performance specifications for the connectorized optical extensions are defined in the Technical Specification PT-1319.</p>