

External Management

Catalogue 2017

Empowering businesses through innovative network solutions.

We have been pushing boundaries and providing innovative products and solutions to clients around the world for nearly two decades. Our experience has taught us, that innovation can be achieved when people collaborate. The process and results are overly rewarding when creative minds are put together, that is why we work with clients throughout the entire design and engineering process to bring their innovations to life. Our high-quality manufacturing process, means that we enable our engineers to bring their visions to life, with the speed and scale that our clients demand.

We use the most advanced manufacturing innovations available, reducing lead time and making us more responsive. Our advantage system for manufacturing that we use, allows for global breakthroughs, and drives a culture of continuous improvement, which involves all processes in between.

Datatronix believes that achieving product excellence requires rising above industry standards; being better than our competitors by developing superior designs and manufacturing them with excellent processes, tight controls, and first-rate materials. Indeed, higher levels of quality and reliability are symbols of all Datatronix products.



Commitment.

Delivering world-class client service and technical innovation are not just goals: they are imbedded in to Datatronix's DNA.



Trust.

We strive to under promise and over deliver. Datatronix earns the trust of clients, partners, and employees through actions every day.



Reliability.

Clients and business partners depend on Datatronix because of our uncompromising focus on quality.



ISO 9001:2008 Certified.

Products bearing the Datatronix name have been certified to meet the highest industry quality standards.



Fast Deployment.

We use the most advanced manufacturing innovations available, reducing lead time and making us more responsive.



Value.

Value is the combination of quality, efficacy, and a fair price. Datatronix supply superior products, affordably.

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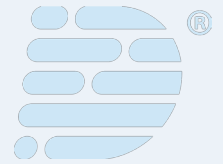
“Our clients and business partners can safely depend on Datatronix products because of our uncompromising focus on quality.”

External Management

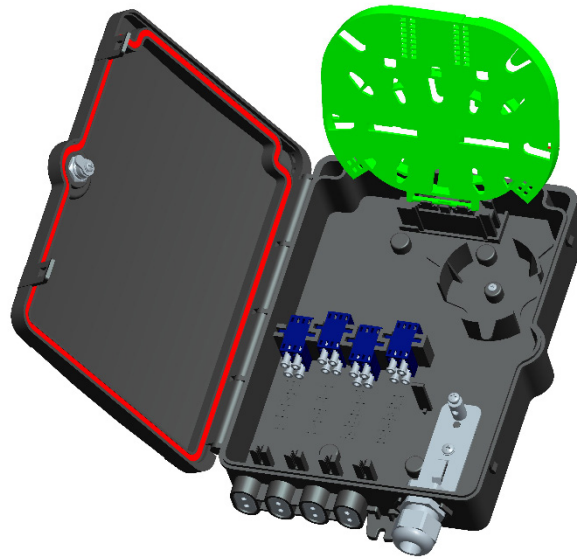
Termination Boxes

Outdoor Termination Boxes

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Termination Boxes



TB1 8 Fibre Lockable Outdoor FTTH Termination Box

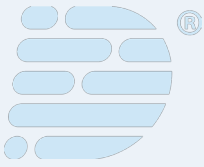
A robust ABS IP66 termination box designed to house and manage up to 8 terminated fibres with LC, SC, FC or ST adaptors. It has an internal detachable tray with bend radius protection, integrated cable tie points, 4 cable exit points and 2 cable entry points which maintain the IP66 rating. It can accommodate 1x4, 1x8, 2x4 and 2x8 PLC splitters and it's suitable for both wall and pole mounting applications.

Applications

- FTTH
- Outdoor applications
- Telecommunication networks
- CATV
- Data communication networks
- Ethernet, Fibre Channel, ATM, LAN, MAN and WAN

Features

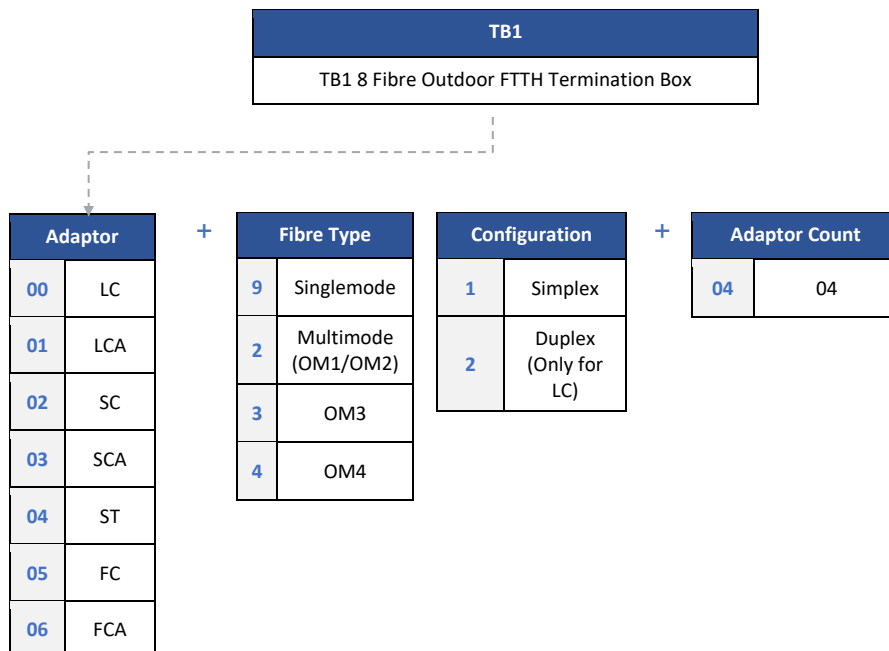
- Up to 8 fibres
- Available with LC, SC, ST or FC adaptors
- Compatible with 1x4, 1x8, 2x4 and 2x8 PLC splitters
- Wall or pole mounted
- IP66 rated for outdoor use
- Lockable door for enhanced security
- Detachable tray with integrated bend radius control
- Integrated cable tie points for securing incoming cable
- Sealing glands for up to 4 exiting + 2incoming cables
- ROHS, REACH and SvHC compliant



Specifications

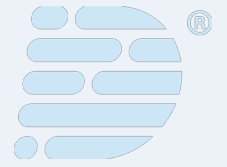
ELEMENT	VALUE
Height	220mm
Width	179mm
Depth	48mm
Suitable for Adaptor Type	LC Duplex, SC Simplex, ST, FC
Number of ports	4
Cable Entry	2
Cable Exit	4
Material	ABS
Operating Temperature	-40°C to +60°C
Designed in accordance with	TIA/EIA 568.C, ISO/IEC 11801, EN50173, IEC60304, IEC61754
Compliant to	RoHS, Reach/SVHC

Ordering Information

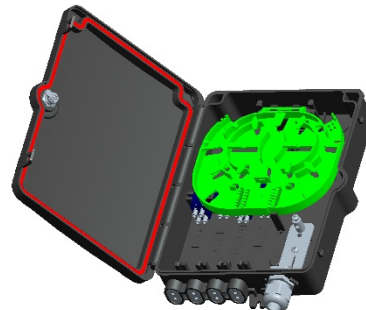
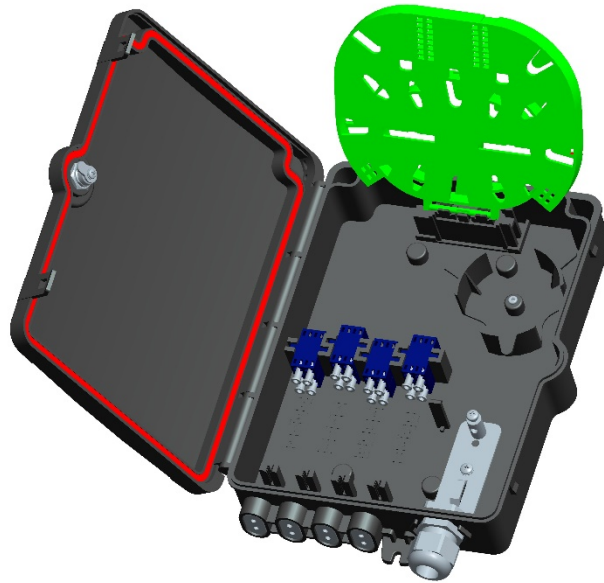


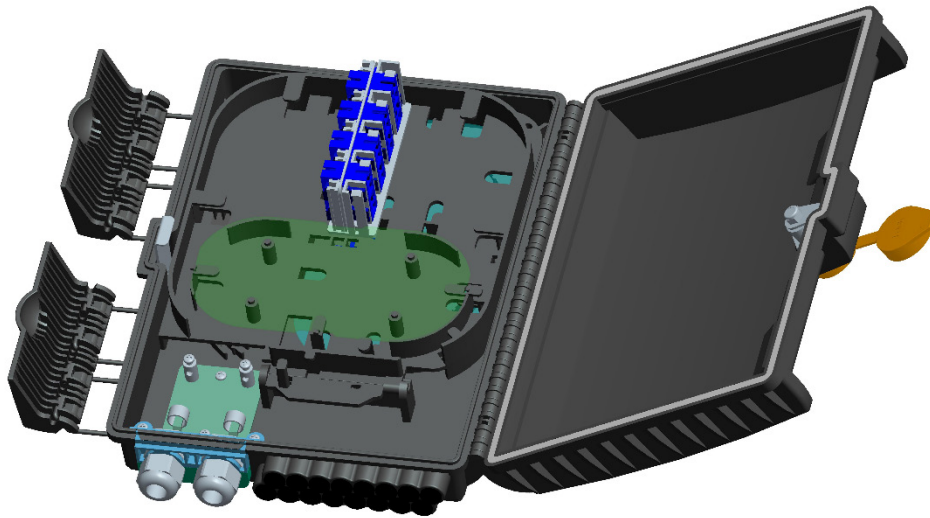
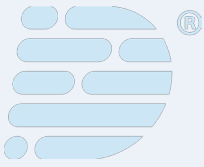
Example:

TB1-03-91-04 – TB1 Outdoor FTTH Termination Box Loaded With 4 SC/APC Simplex Adaptors
TB1-XX-XX-UL – TB1 Outdoor FTTH Termination Box Unloaded



Additional Images





TB2 16 Fibre Lockable Outdoor FTTH Termination Box

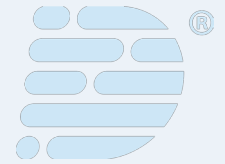
A robust ABS IP65 termination box designed to house and manage up to 16 terminated fibres with LC, SC, FC or ST adaptors. It has an internal detachable tray with bend radius protection, integrated cable tie points, 16 drop cable exit points and 2 cable entry points which maintain the IP65 rating. It can accommodate 1x4, 1x8, 1x16, 2x4, 2x8 and 2x16 PLC splitters and it's suitable for both wall and pole mounting applications.

Applications

- FTTH
- Outdoor applications
- Telecommunication networks
- CATV
- Data communication networks
- Ethernet, Fibre Channel, ATM, LAN, MAN and WAN

Features

- Up to 16 fibres
- Available with LC, SC, ST or FC adaptors
- Compatible with 1x4, 1x8, 1x16, 2x4, 2x8 and 2x16 PLC splitters
- Wall or pole mounted
- IP65 rated for outdoor use
- Lockable door for enhanced security
- Detachable tray with integrated bend radius control
- Integrated cable tie points for securing incoming cable
- Supplied with transit tubing, wall fixings, tie wraps, splice protectors
- Sealing glands for up to 16 exiting + 2 incoming cables
- ROHS, REACH and SvHC compliant

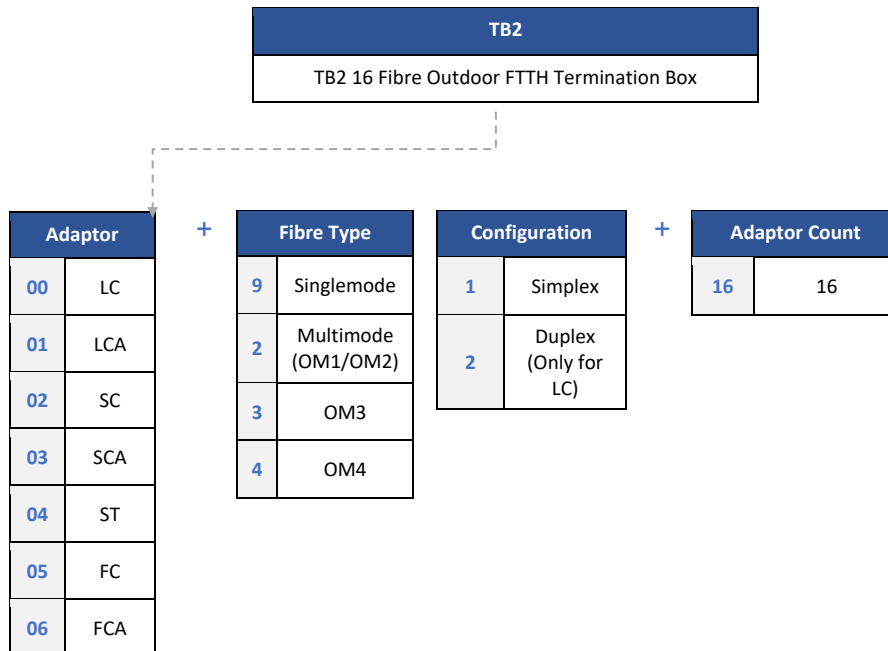


Termination Boxes

Specifications

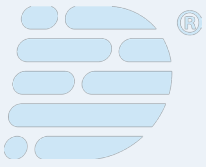
ELEMENT	VALUE
Height	304.1mm
Width	236.5mm
Depth	104.3mm
Suitable for Adaptor Type	LC Duplex, SC Simplex, ST, FC
Number of ports	16
Cable Entry	2
Cable Exit	16
Material	ABS
Operating Temperature	-40°C to +60°C
Designed in accordance with	TIA/EIA 568.C, ISO/IEC 11801, EN50173, IEC60304, IEC61754
Compliant to	RoHS, Reach/SVHC

Ordering Information

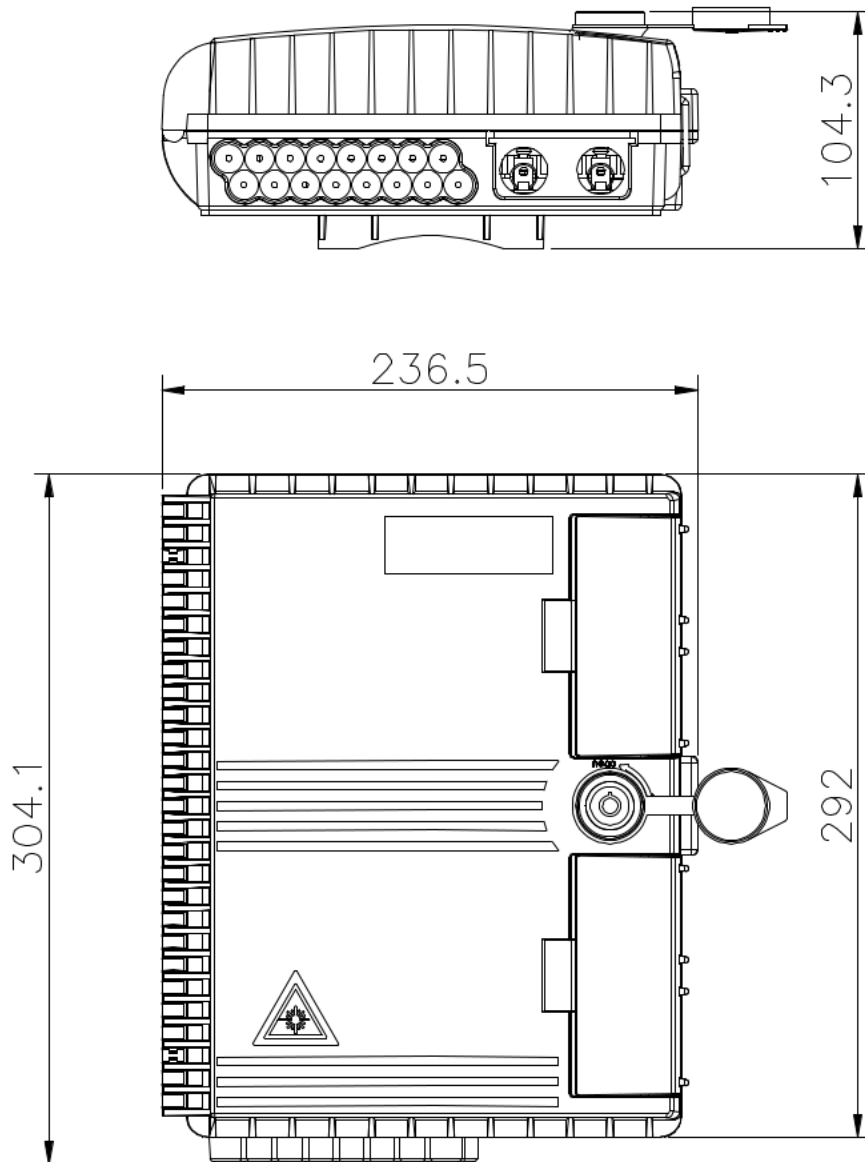


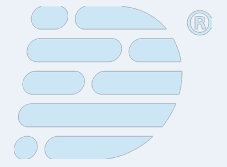
Example:

TB2-03-91-16 – TB2 Outdoor FTTH Termination Box Loaded With 16 SC/APC Simplex Adaptors
TB2-XX-XX-UL -TB2 Outdoor FTTH Termination Box Unloaded

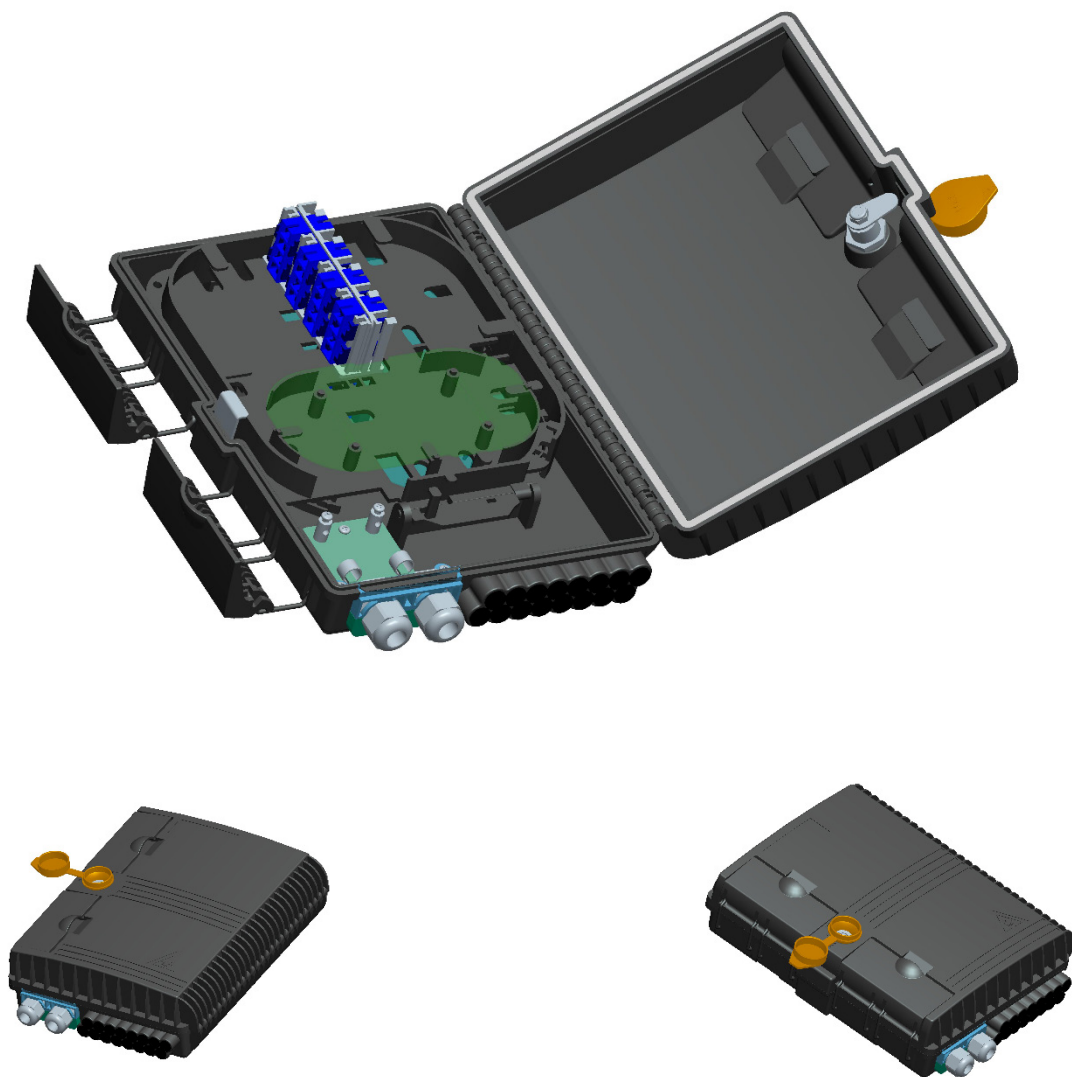


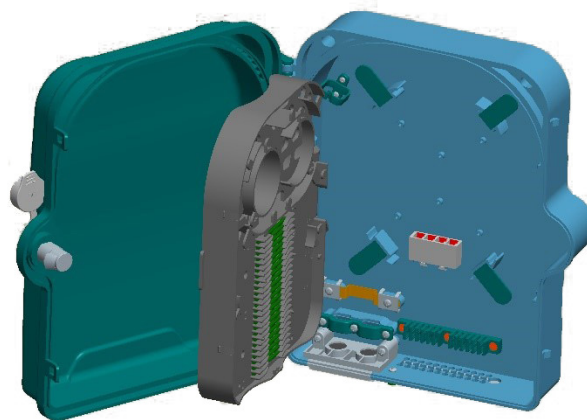
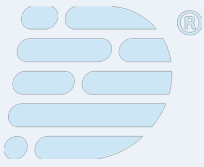
Technical Drawing





Additional Images





TB3 24 Fibre Lockable Outdoor FTTH Termination Box

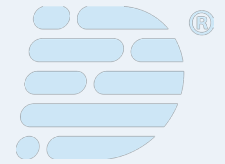
A robust ABS IP65 termination box designed to house and manage up to 24 terminated fibres with LC, SC, FC or ST adaptors. It has an internal detachable tray with bend radius protection, integrated cable tie points, 24 drop cable exit points and 2 cable entry points which maintain the IP65 rating. It can accommodate 1x4, 1x8, 1x16, 2x4, 2x8 and 2x16 PLC splitters and it's suitable for both wall and pole mounting applications.

Applications

- FTTH
- Outdoor applications
- Telecommunication networks
- CATV
- Data communication networks
- Ethernet, Fibre Channel, ATM, LAN, MAN and WAN

Features

- Up to 24 fibres
- Available with LC, SC, ST or FC adaptors
- Compatible with 1x4, 1x8, 1x16, 2x4, 2x8 and 2x16 PLC splitters
- Wall or pole mounted
- IP65 rated for outdoor use
- Lockable door for enhanced security
- Detachable tray with integrated bend radius control
- Integrated cable tie points for securing incoming cable
- Supplied with transit tubing, wall fixings, tie wraps, splice protectors
- Sealing glands for up to 4 exiting + 2 incoming cables
- ROHS, REACH and SvHC compliant

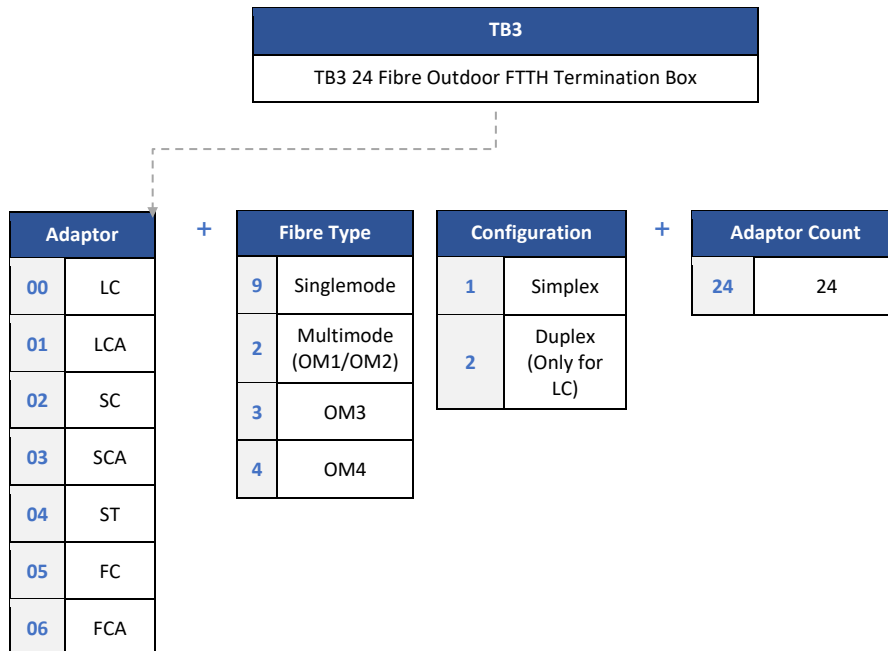


Termination Boxes

Specifications

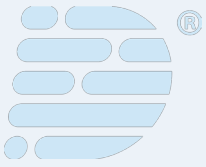
ELEMENT	VALUE
Height	309mm
Width	229mm
Depth	114.1mm
Suitable for Adaptor Type	LC Duplex, SC Simplex, ST, FC
Number of ports	24
Cable Entry	2
Cable Exit	24
Material	ABS
Operating Temperature	-40°C to +60°C
Designed in accordance with	TIA/EIA 568.C, ISO/IEC 11801, EN50173, IEC60304, IEC61754
Compliant to	RoHS, Reach/SVHC

Ordering Information

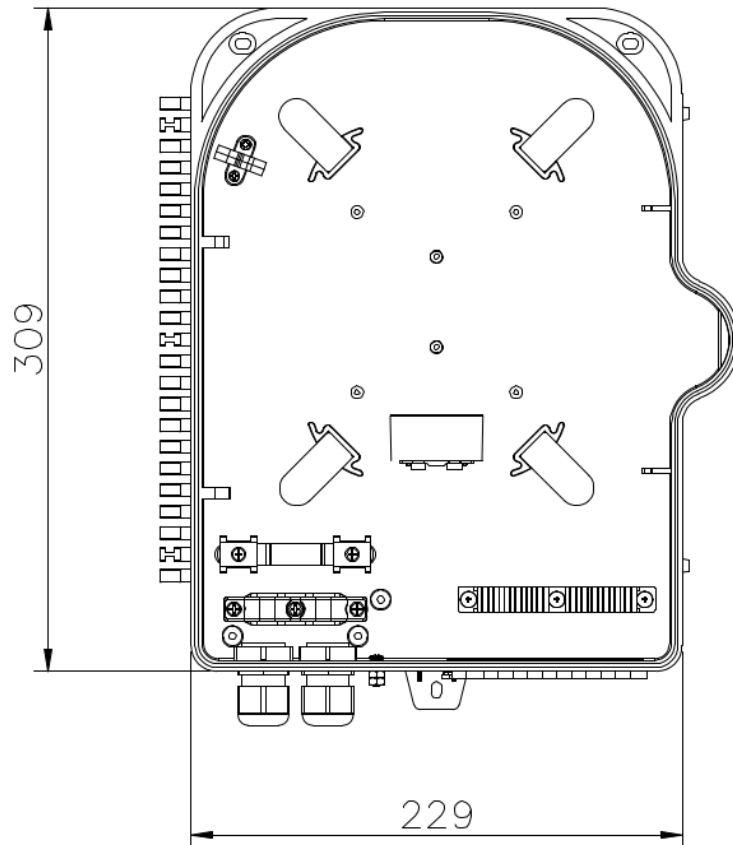
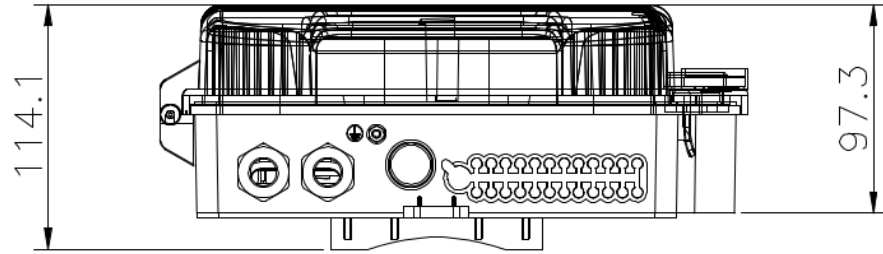


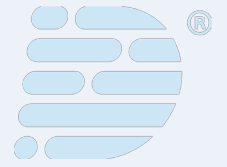
Example:

TB3-03-91-24 - TB3 Outdoor FTTH Termination Box Loaded With 24 SC/APC Simplex Adaptors
 TB3-XX-XX-UL - TB3 Outdoor FTTH Termination Box Unloaded

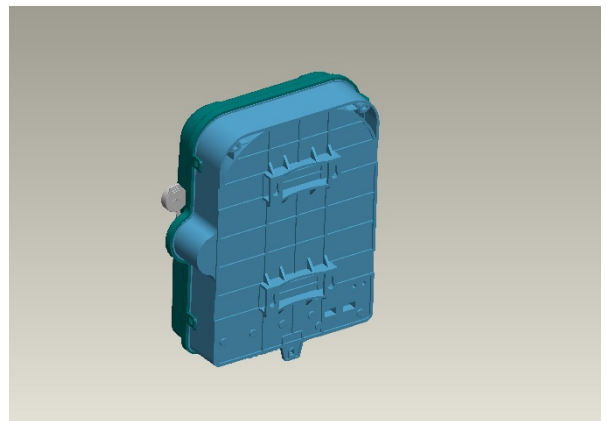
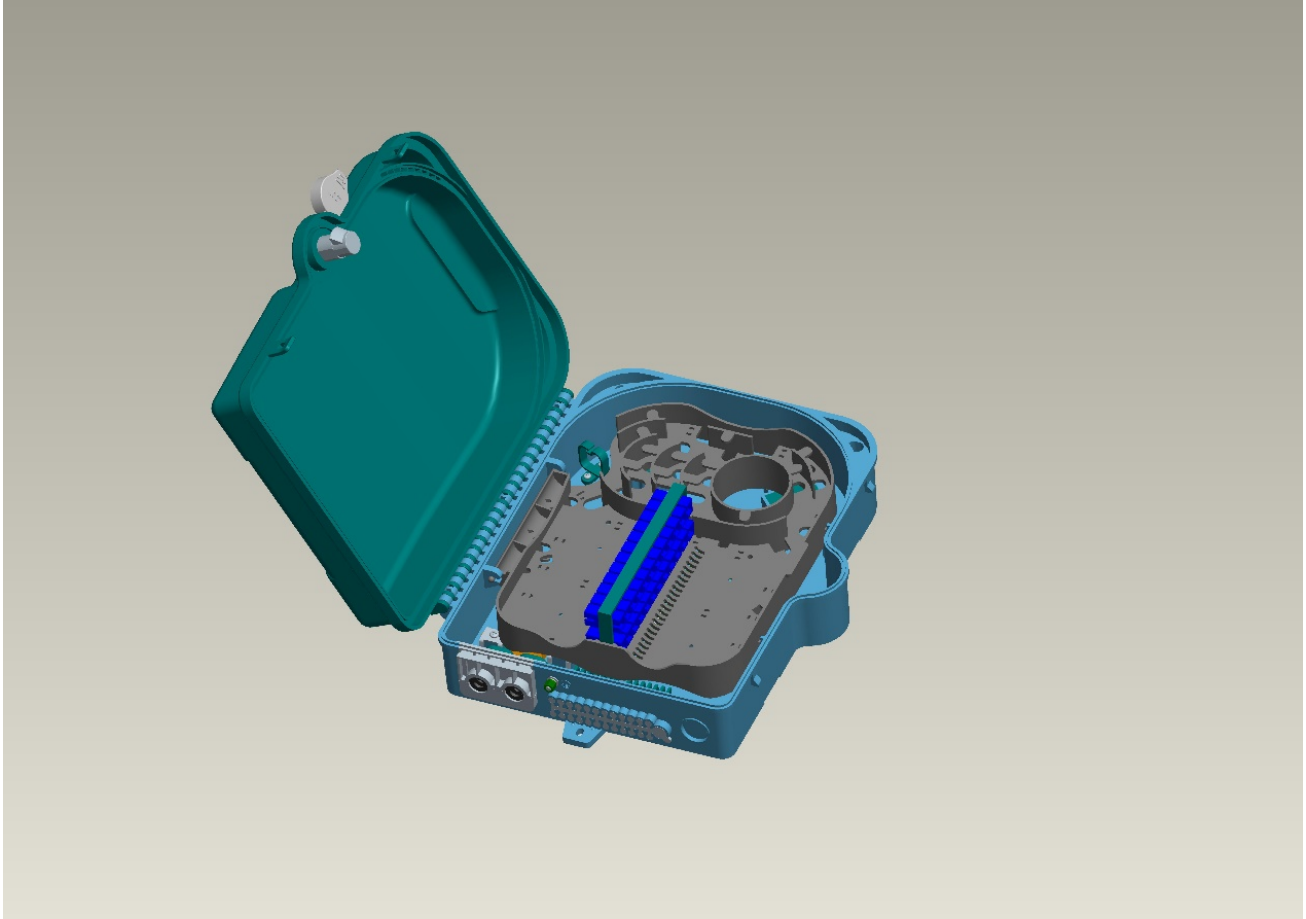


Technical Drawing





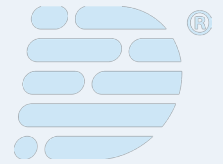
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External Management

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Enclosures



IEM1 Inline Splice Enclosure

Fibre optic inline splice enclosure IEM1 protects fibre optic splicing point in various installation conditions such as wires, manholes, ducts and direct buried.

It is specially designed for FTTH network and applicable to multi branching installation by using mid-plate which is for increasing core capacity and complying with the requirements in each point of network.

The flat type gasket ensures reliable sealing performance by preventing air and water leak and the corn type sealing socket provides easy and reliable installation. This enclosure has high mechanical strength against any environmental conditions.

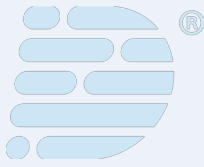
With IEM1, you can improve your network system to the higher level.

Applications

- Outdoor applications
- Telecommunication networks
- CATV
- Data transmission
- Industry control
- Aerial, buried or pipe-lined environment

Features

- In-line design
- 3 cable ports
- Compatible with most existing cable constructions
- Cold applied cable sealing
- Re-entry and re-closure mechanism with latches
- High density

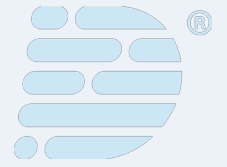


Specifications

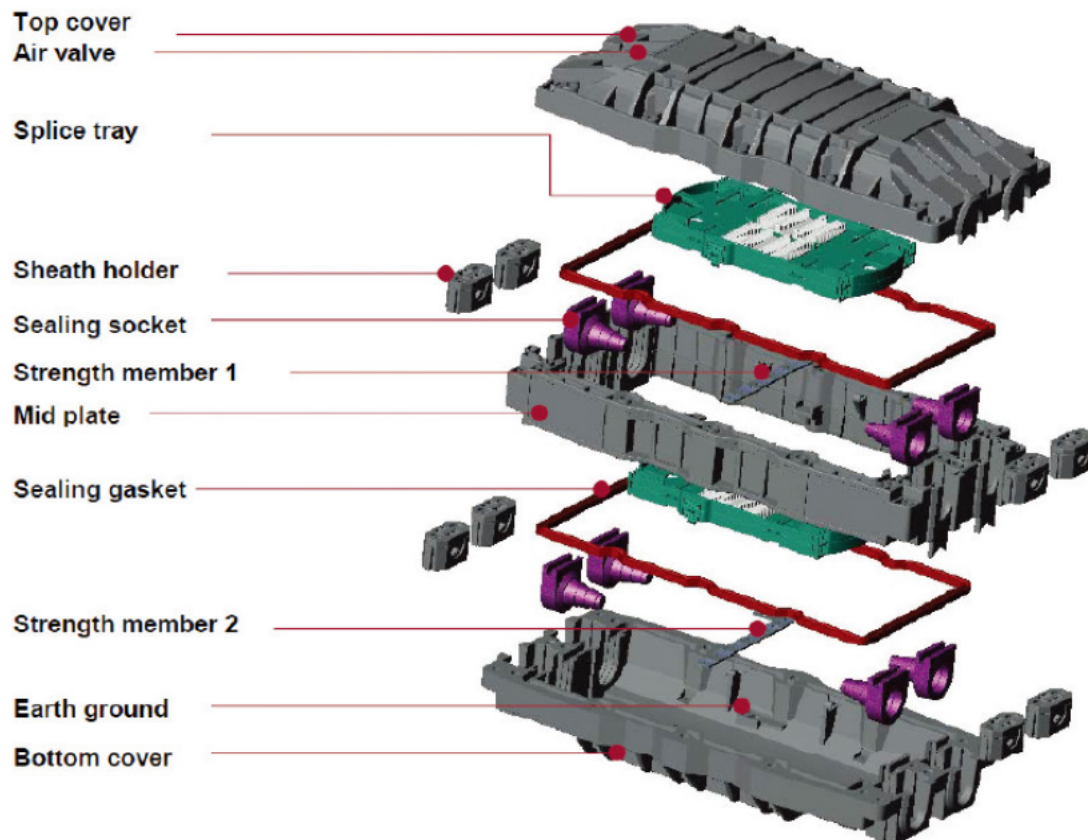
ELEMENT	IEM1-XX	IEM1-XX	IEM1-XX
Main Entry Ports	4 Ports/Enclosure	8 Ports/Enclosure	12 Ports/Enclosure
Cable Diameter	6 ~ 20mm	6 ~ 20mm	6 ~ 20mm
Product Dimension	435*205*113mm	435*205*167mm	435*205*221mm
Weight	2.8	3.8	4.8
No. of Splice Tray	4	6	8
Tray Capacity	24F (Max 48 fibres)	24F (Max 48 fibres)	24F (Max 48 fibres)
Splice Capacity	24-96F	120-144F	168-192F
Splice Method	Fusion, Mechanical, Connector		
Splice Protector	Heat Shrinkable Sleeve, Mechanical Splicer		
Water proof	IP 68 (in accordance with Telcordia International Standard)		

Ordering Information

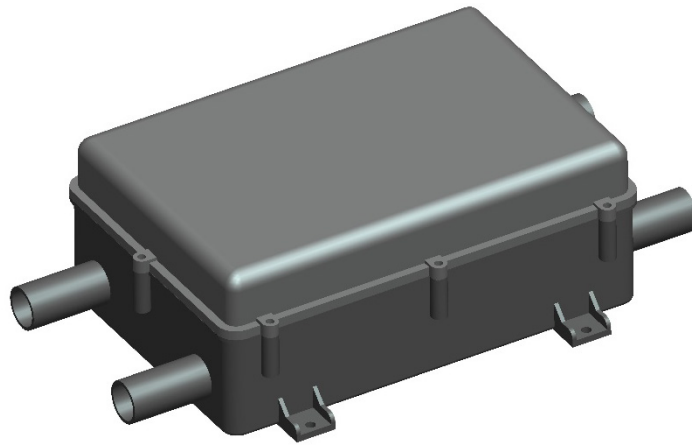
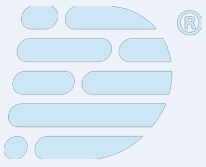
DESCRIPTION	DESCRIPTION	PART NUMBER
2 + 2 entry port enclosures	Datatronix IEM1 Fibre Optic Inline Enclosure 24 splice, 1 Tray	IEM1-24
	Datatronix IEM1 Fibre Optic Inline Enclosure 48 splice, 2 Tray	IEM1-48
	Datatronix IEM1 Fibre Optic Inline Enclosure 72 splice, 3 Tray	IEM1-72
	Datatronix IEM1 Fibre Optic Inline Enclosure 96 splice, 4 Tray	IEM1-96
4 + 4 entry port enclosures	Datatronix IEM1 Fibre Optic Inline Enclosure 120 splice, 5 Tray	IEM1-120
	Datatronix IEM1 Fibre Optic Inline Enclosure 144 splice, 6 Tray	IEM1-144
6 + 6 entry port enclosures	Datatronix IEM1 Fibre Optic Inline Enclosure 168 splice, 7 Tray	IEM1-168
	Datatronix IEM1 Fibre Optic Inline Enclosure 192 splice, 8 Tray	IEM1-192



Technical Drawing



z



IEM2 Inline Splice Enclosure

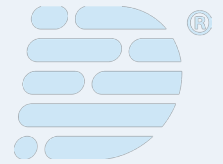
Fibre optic inline splice enclosure IEM2 is mechanical sealing. Simple in installation and reopen, reuse. This inline enclosure is a sealed fibre optic splice enclosure designed for cable joint applications in the telecom outside plant network. This closure has high mechanical strength against any environmental conditions. The enclosure is suitable for deployment in aerial, underground or direct buried environments. Suitable for housing up to 48 splices, the enclosure comes complete with mass splicing trays and cable attachment devices.

Applications

- Outdoor applications
- Telecommunication networks
- CATV
- Data transmission
- Industry control
- Aerial, buried or pipe-lined environment

Features

- In-line design
- 3 cable ports
- Compatible with most existing cable constructions
- Cold applied cable sealing
- Re-entry and re-closure mechanism with latches
- High density



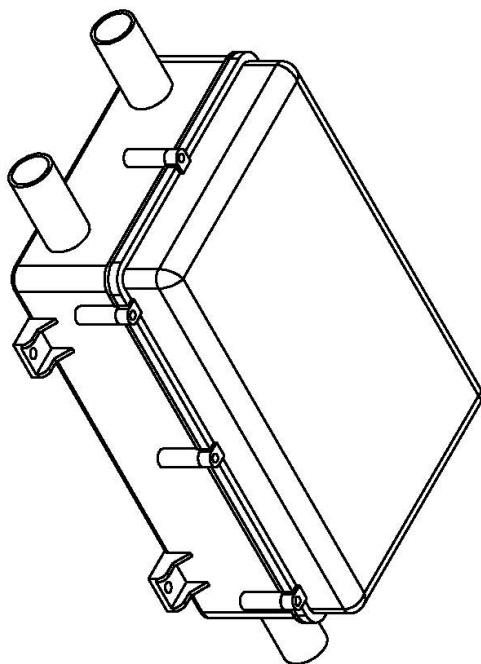
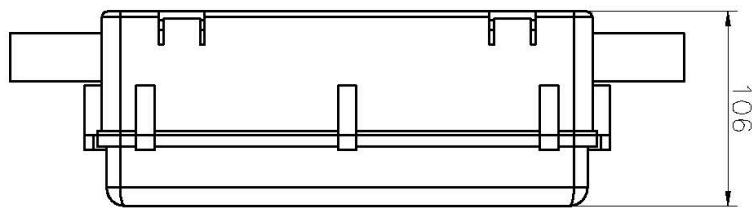
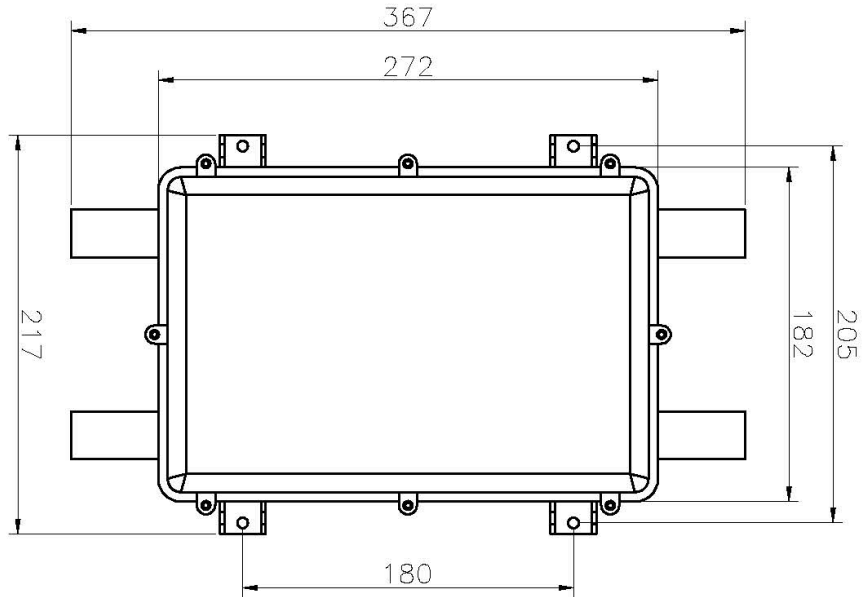
Specifications

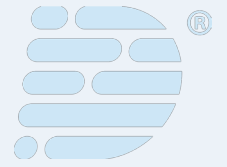
ELEMENT	VALUE
Material	PP/ABS
Product Dimension	367*182*106mm
Max. Capacity of Splice Tray	12 fibres or 24 fibres (single fibre)
Max. Capacity	48 fibres
Sealing Method	Mechanical and heat shrinkable seal
Fibre Radius of Curvature	≥40mm
Cable Entry and Size	4 round ports: 10 mm

Ordering Information

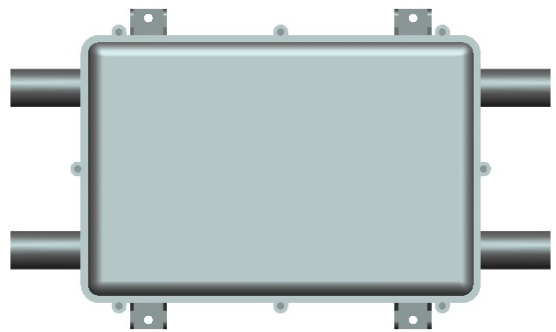
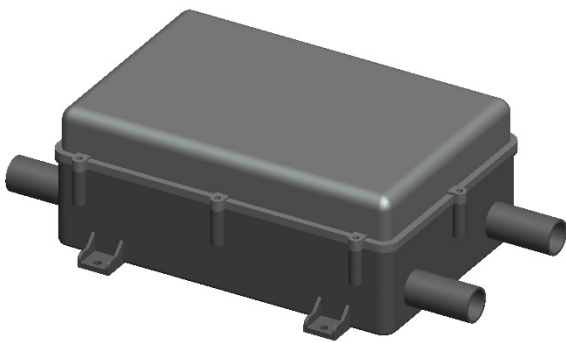
DESCRIPTION	PART NUMBER
Datatronix IEM2 Fibre Optic Inline Enclosure 24 splice	IEM2-24
Datatronix IEM2 Fibre Optic Inline Enclosure 48 splice	IEM2-48

Technical Drawing





Additional Images





DEM1 Dome Splice Enclosure

The DEM1 protects fibre optic splices while providing fast and easy no-cost, re-entry. It can be installed on aerial cables, in manholes, ducts and be mounted on poles. The enclosure provides reliable sealing performance, and the fibre splicing points are protected in a ribbed polypropylene dome that has high mechanical and environmental features. With six entry ports, the enclosure is applicable to in-line or mid-span branching methods.

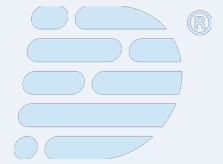
With Datatronix DEM1 Dome Splice Enclosure, you can improve your network system to the higher level.

Applications

- Outdoor applications
- Telecommunication networks
- CATV
- Data transmission
- Industry control
- Aerial, buried or pipe-lined environment

Features

- Reliable moisture-tight housing with hot-melt type sealing
- Ribbed body structure protects against impact and compression
- Efficient fibre management by splice tray holding structure
- Ease of use for closure assembly
- Easy clamping of tension member and grounding
- Great quantity of fibre optic cable can make an excellent environment performance

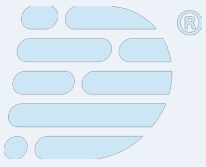


Specifications

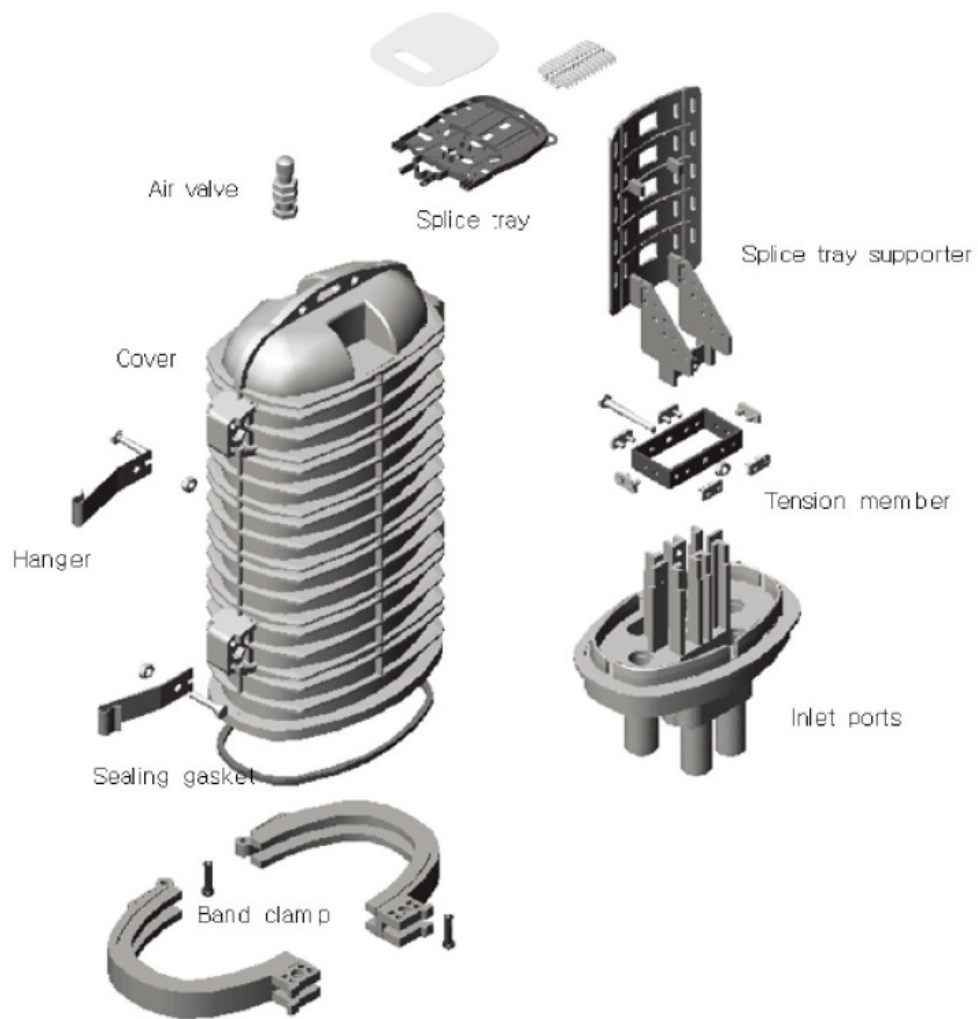
ELEMENT	VALUE
Size (LxWxH)	522 x 208 x 174mm
Weight	2.6kg
Intel port	6
Cable Diameter	Ø8 ~ Ø24 mm
No. of Splice Tray	4
Max. Capacity of Splice Tray	12F (Up to 24F)
Splicing Capacity	48F (Up to 96F)
Splicing Method	Fusion, Mechanical, Connector
Splice Protector	Heat Shrinkable Sleeve, Mechanical Splicer
Tension Member	Galvanized Steel Wire, FRP, Wire
Water proof	IP 68 (in accordance with Telcordia International Standard)

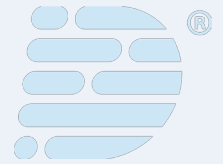
Ordering Information

DESCRIPTION	PART NUMBER
Datatronix DEM1 Fibre Optic Dome Enclosure 24 splice, 1 Tray	ODEM1-24
Datatronix DEM1 Fibre Optic Dome Enclosure 48 splice, 2 Trays	ODEM1-48
Datatronix DEM1 Fibre Optic Dome Enclosure 72 splice, 3 Trays	ODEM1-72
Datatronix DEM1 Fibre Optic Dome Enclosure 96 splice, 4 Trays	ODEM1-96

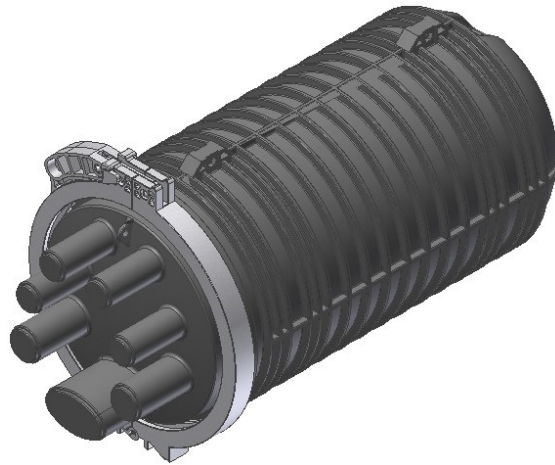


Technical Drawing





Enclosures



DEM2 Dome Splice Enclosure

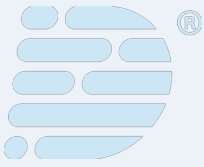
Fibre optic dome splice enclosure DEM2 protects fibre optic splice while providing fast and easy no-cost, re-entry. It can be installed on aerial, in manholes, ducts and mounted on pole. The Enclosure provides reliable sealing performance, and fibre splicing point protected in a ribbed polypropylene dome that has high mechanical and environmental features. With its seven entry ports, the enclosure is applicable to in-line or mid-span branching method. In addition, a great quantity of fibre optic cable can make an excellent environment performance. With DEM2 Dome Splice Enclosure, you can improve your network system to the higher level.

Applications

- Outdoor applications
- Telecommunication networks
- CATV
- Data transmission
- Industry control
- Aerial, buried or pipe-lined environment

Features

- Reliable moisture-tight housing with hot-melt type sealing
- Ribbed body structure protects against impact and compression
- Efficient fibre management by splice tray holding structure
- Ease of use for closure assembly
- Easy clamping of tension member and grounding
- Great quantity of fibre optic cable can make an excellent environment performance

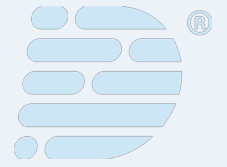


Specifications

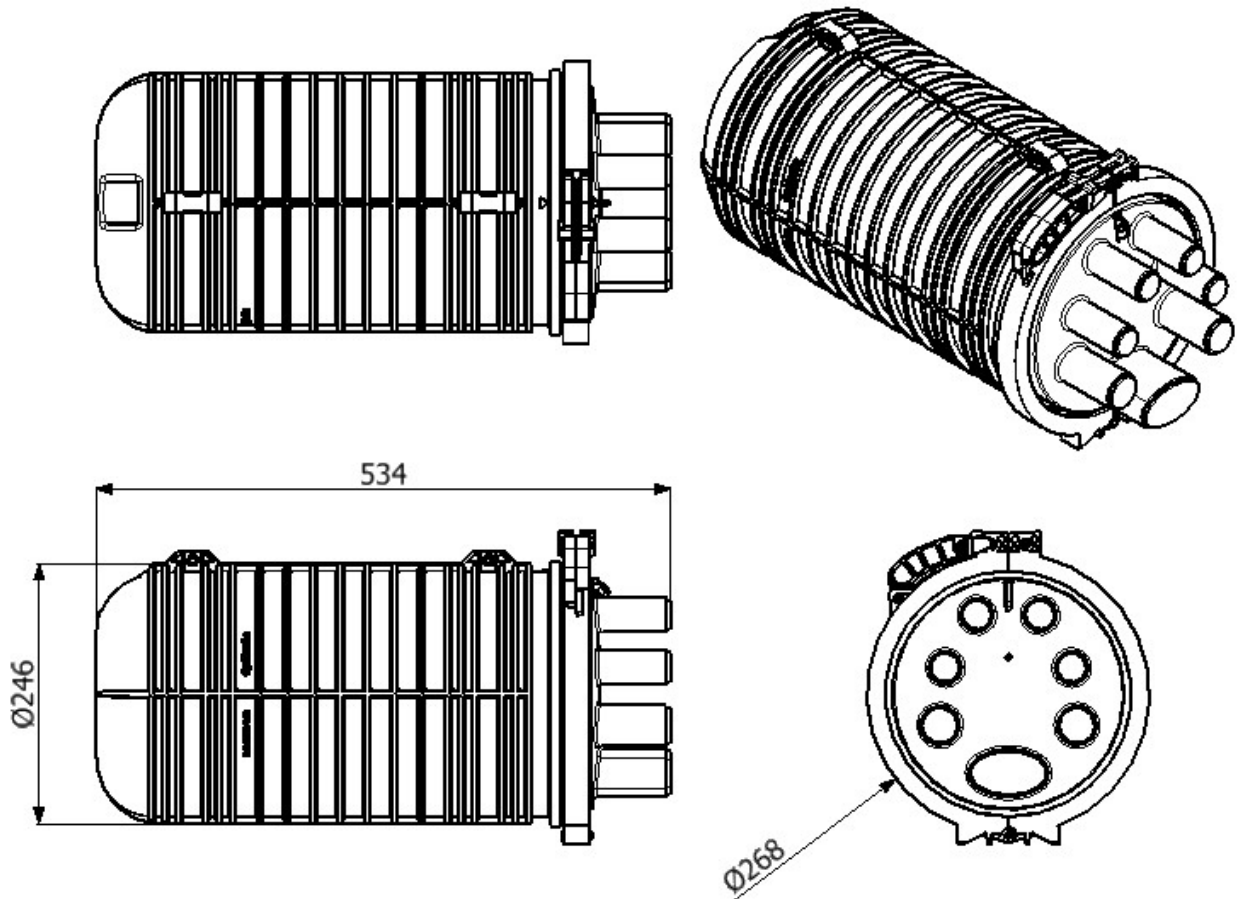
ELEMENT	VALUE
Size	268 x 534 mm
Weight	5.5kg
Intel port	7 (1 Oval)
Cable Diameter	Ø8 ~ Ø29 mm
No. of Splice Tray	12
Max. Capacity of Splice Tray	24C (Max.48C)
Splicing Capacity	288C (Max. 576C)
Splicing Method	Heat shrinkable sleeve, Mechanical splice
Splice Protector	H/S Sleeve
Method of Fixing cable	H/S Tube

Ordering Information

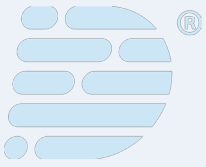
DESCRIPTION	PART NUMBER
Datatronix DEM2 Fibre Optic Dome Enclosure 144 splice	DEM2-144
Datatronix DEM2 Fibre Optic Dome Enclosure 288 splice	DEM2-288



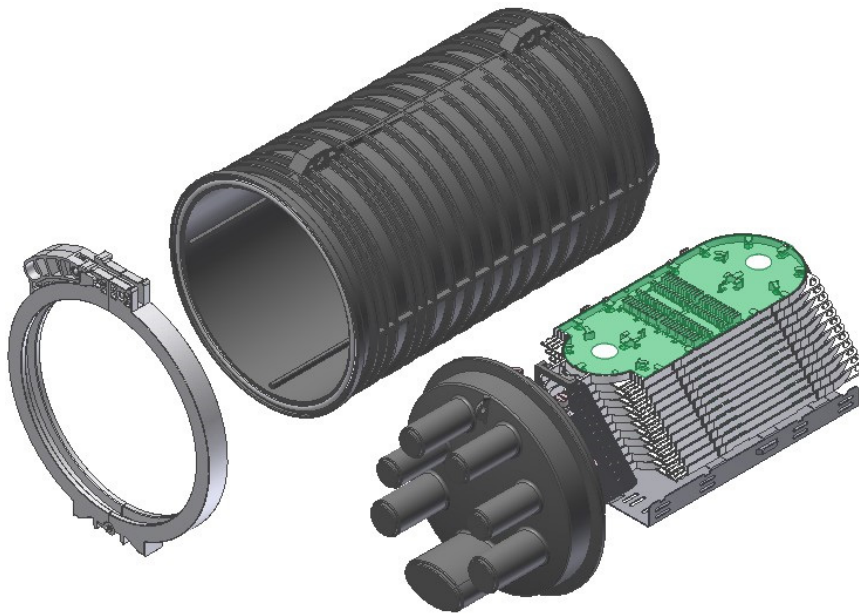
Technical Drawing



Tolerance = ± 1.5
unit = mm



Additional Images





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