Flex Terminal

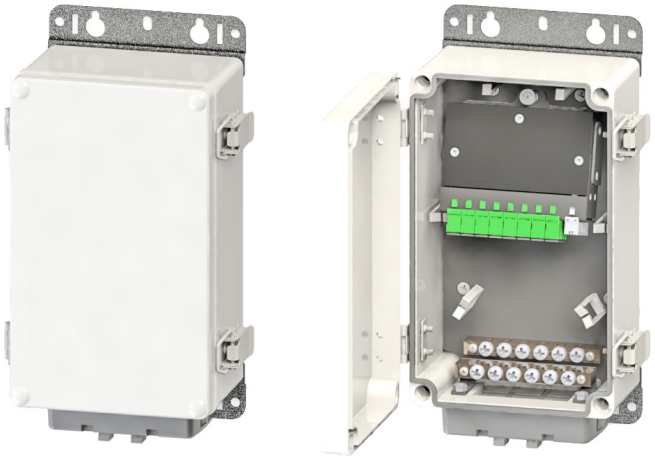
Outdoor Enclosures

The Flex Terminal Outdoor Enclosure supports splitter, tap, or fiber indexing cassettes and entry of up to 24 cables.

Universal and flexible design allows for multiple cassette configurations, cable sizes, and fiber counts.

Pole, surface, and strand mounting options available.

Cassette mounting brackets can be swapped for use in Flex Terminal, pedestal, or LGX applications supporting the ability to stock a low cost solution that ensures on hand inventory.



Features

Specifications

Dimensions (mm)	230 x 140 x 95 (HxWxD)
Flex Cassette Capacity	1
Max. Splitter Config.	1x16
Cable Entry Grommets	6
Strain Relief Lug Positions	10
Material	Light Gray ABS
P/N with No Brackets	FT-EMPTY-NB
P/N with Surface Mount Brackets	FT-EMPTY-SURFACE
P/N with Strand Mount Brackets	FT-EMPTY-STRAND

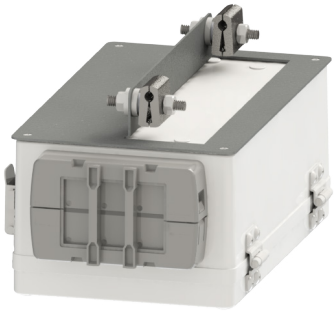
IP66 Rated

Solid Particle Protection
IP First Digit Rating Level: 6
Totally protected against dust ingress (dust-tight).

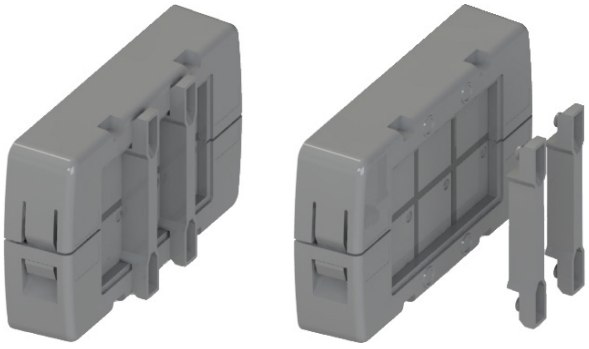
Liquid Ingress Protection
IP Second Digit Rating Level: 6
Protected against high pressure water jets from any direction.

IP 66

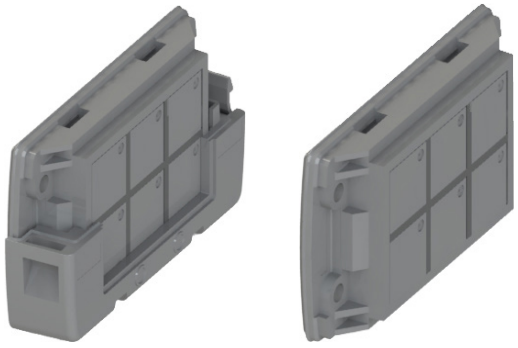
Strand Mount Brackets Available



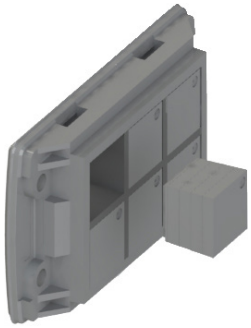
Cable Entry



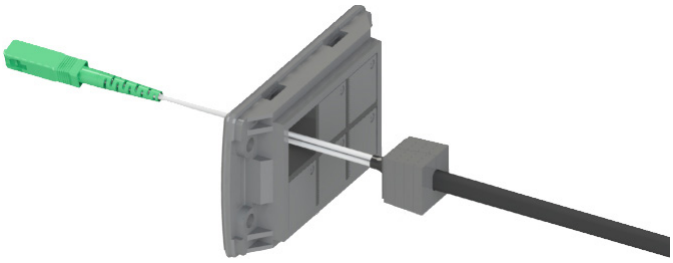
1) Remove the locking bars from the cover



2) Press the tabs on the side of the cover to separate the two parts and remove them

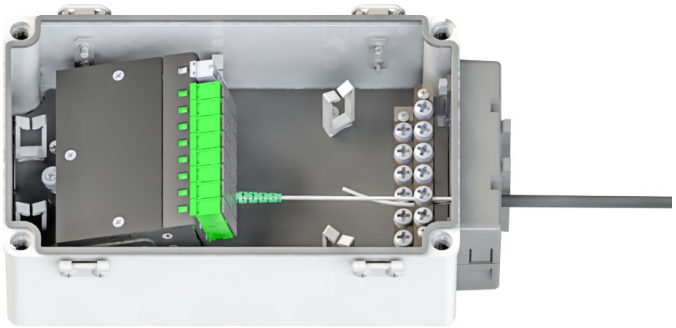


3) Push out and remove the blank grommet

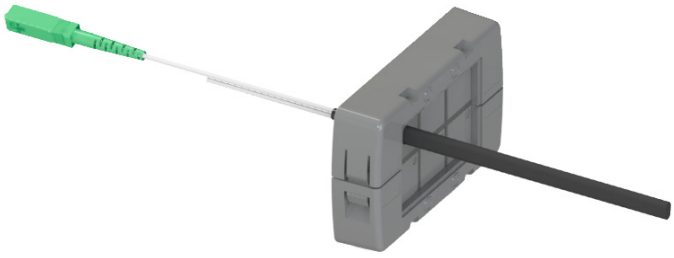


4) Attach the appropriate grommet to the cable

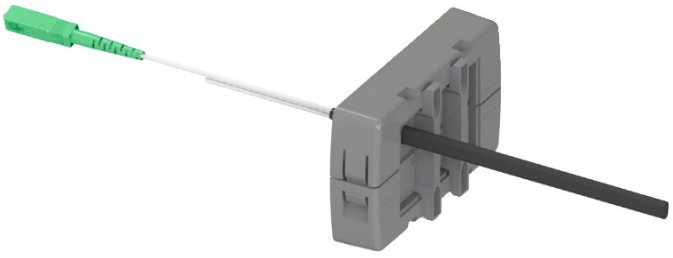
5) Install the grommet



6) Secure the cable strength member if desired



7) Assemble the cover and snap it onto the frame



8) Snap the locking bars onto the cover

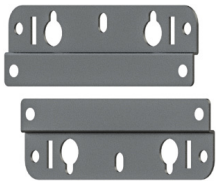
(925) 447-7500
sales@ariatech.com
www.ariatech.com

Flex Terminal

Outdoor Enclosures

Accessories

Strand Mount Brackets
P/N: FT-STRAND-BKT



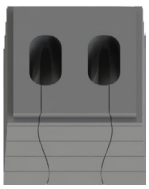
Surface Mount Brackets
P/N: FT-SURF-BKT

Actuating Tool for Easy Grommet Insertion and Removal
P/N: FT-AT

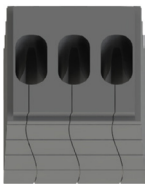
3mm Sealing Plug
P/N: FT-3MM-SP

5mm Sealing Plug
P/N: FT-5MM-SP

1X Flat Drop Cable Entry Grommet
P/N: FT-FD-1X-GMT



2X Flat Drop Cable Entry Grommet
P/N: FT-FD-2X-GMT



3X Flat Drop Cable Entry Grommet
P/N: FT-FD-3X-GMT

1X 2-3mm Round Cable Entry Grommet*
P/N: FT-2TO3MM-1X-GMT

1X 4-5mm Round Cable Entry Grommet**
P/N: FT-4TO5MM-1X-GMT

1X 10-11mm Round Cable Entry Grommet***
P/N: FT-10TO11MM-1X-GMT

1X 11-12mm Round Cable Entry Grommet****
P/N: FT-11TO12MM-1X-GMT

2X 2-3mm Round Cable Entry Grommet*
P/N: FT-2TO3MM-2X-GMT

2X 4-5mm Round Cable Entry Grommet**
P/N: FT-4TO5MM-2X-GMT

3X 2-3mm Round Cable Entry Grommet*
P/N: FT-2TO3MM-3X-GMT

3X 4-5mm Round Cable Entry Grommet**
P/N: FT-4TO5MM-3X-GMT

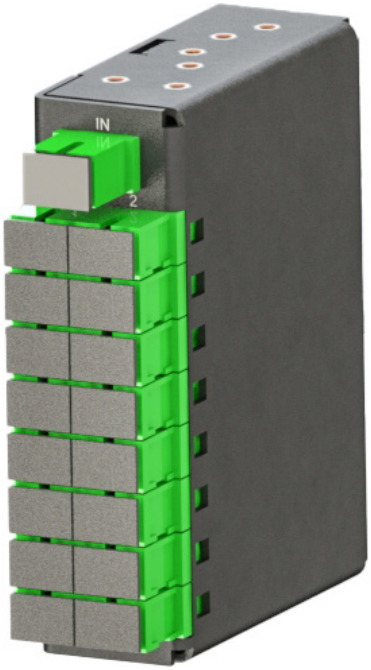
4X 2-3mm Round Cable Entry Grommet*
P/N: FT-2TO3MM-4X-GMT

4X 4-5mm Round Cable Entry Grommet**
P/N: FT-4TO5MM-4X-GMT

*For Standard Jumpers
**For Rugged Jumpers or 12F Indoor/Outdoor Cables
***For Non-Armored OSP Cable
****For Armored OSP Cable

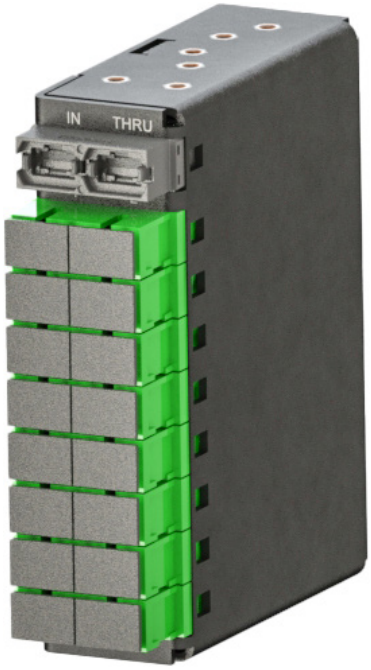
(925) 447-7500
sales@ariatech.com
www.ariatech.com

Flex Cassette Configurations

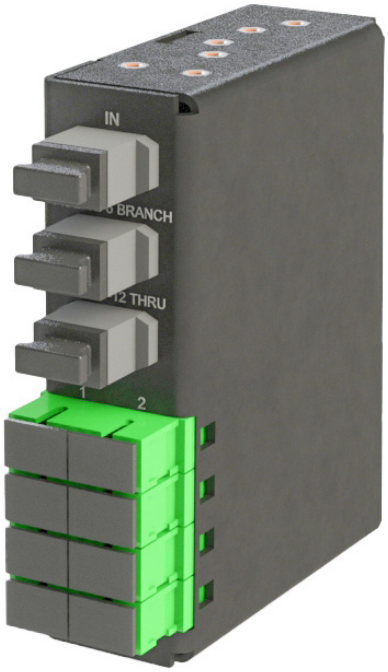


Splitter Only

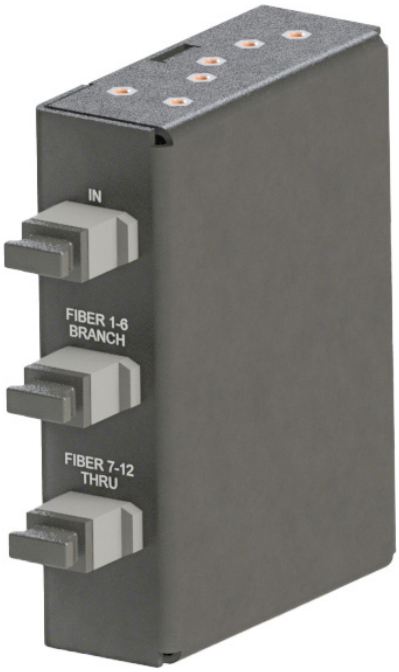
Tap



Fiber Indexing



Fiber Indexing with Branching



Branch Only

(925) 447-7500
sales@ariatech.com
www.ariatech.com

Flex Terminal

Outdoor Enclosures

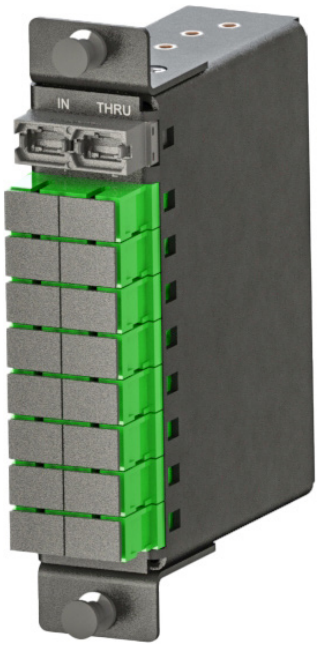
Flex Cassette Specifications

2 Port Tap Loss Values (dB)	23, 21, 19, 17, 15, 12, 10, 8, 6, 4
4 Port Tap Loss Values (dB)	23, 21, 19, 17, 15, 12, 10, 8
8 Port Tap Loss Values (dB)	23, 21, 19, 17, 15, 12
16 Port Tap Loss Values (dB)	23, 21, 19, 17
Splitter Insertion Loss (dB)	1x2: 3.8, 1x4: 7.2, 1x8: 10.3, 1x16: 13.5
Splitter Loss Uniformity (dB)	1x2: 0.4, 1x4: 0.6, 1x8: 0.8, 1x16: 1.0
Splitter PDL (dB)	1x2: 0.1, 1x4: 0.1, 1x8: 0.2, 1x16: 0.25
Splitter WDL (dB)	1x2: 0.5, 1x4: 0.5, 1x8: 0.5, 1x16: 0.8
Operating Wavelength (nm)	1260 ~ 1620
Return Loss (dB)	≥55
Directivity (dB)	≥55
Fiber Type	Singlemode Bend Insensitive G.657.A1
Operating Temp. (°C)	-40 ~ +85
Maximum Power Handling (mW)	500
Cassette Size (mm)	100x29x70

Flex Cassette Mounting Bracket Options

Flex Terminal

Pedestal

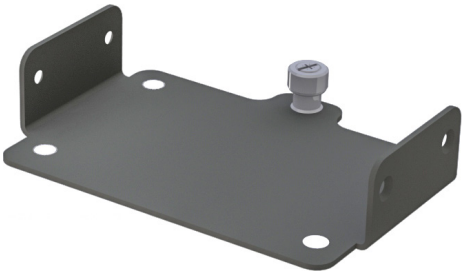


LGX

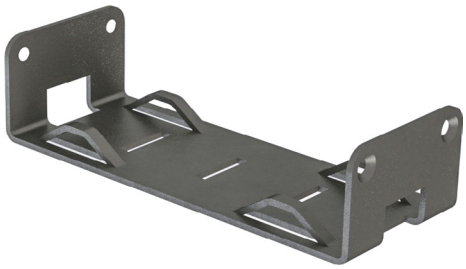
(925) 447-7500
sales@ariatech.com
www.ariatech.com

Flex Terminal
Outdoor Enclosures

Flex Cassette Accessories



Flex Cassette Flex Terminal Mounting Bracket
P/N: FT-CAS-FT-BKTS



Flex Cassette Pedestal Mounting Brackets
P/N: FT-CAS-PED-BKTS

Flex Cassette LGX Mounting Brackets
P/N: FT-CAS-LGX-BKTS

Flex Cassette Part Number

FLEXCAS- _ - _ - _ - _ - _ - _

1 2 3 4 5 6 7

1 Cassette Type

IDX = Fiber Indexing
BO = Branch Only
TAP = Tap
SPT = Splitter Only

2 Mounting Brackets

NONE = None
LGX = LGX
FT = Flex Terminal
PED = Pedestal

3 Splitter

1x2 = 1x2
1x4 = 1x4
1x8 = 1x8
1x16 = 1x16

4 Connector Type

SCA = SC/APC
SCU = SC/UPC
LCA = LC/APC
LCU = LC/UPC

5 Tap Loss

Leave Blank for Fiber Indexing or Splitter Only Cassettes

23dB = 23dB
21dB = 21dB
19dB = 19dB
17dB = 17dB
15dB = 15dB
12dB = 12dB
10dB = 10dB
8dB = 8dB
6dB = 6dB
4dB = 4dB

6 Branch Only

Leave Blank for non Branch Only Cassettes

1 = Fiber 1*
1TO2 = Fibers 1-2
1TO3 = Fibers 1-3
1TO4 = Fibers 1-4
1TO5 = Fibers 1-5
1TO6 = Fibers 1-6

Notes:
1) Subsequent fibers are passed via the THRU port
*Single fiber connector

7 Fiber Indexing with Branching

Leave Blank for non Fiber Indexing Branching Cassettes

2 = Fiber 2*
2TO3 = Fibers 2-3
2TO4 = Fibers 2-4
2TO5 = Fibers 2-5
2TO6 = Fibers 2-6

Notes:
1) Subsequent fibers are passed via the THRU port
2) Not available in 1x16 SC
*Single fiber connector

(925) 447-7500
sales@ariatech.com
www.ariatech.com