PEACOC® Mid-Span Clamshell Hardened Terminal (M-CHT)

Description:

The flexible PEACOC M-CHT offers simple splice-in with plug-and-play hardened fiber connectivity using standard fiber drops in a compact yet versatile design without requiring proprietary/hardened connectors. It is ideal for fast fiber installation and quick turn-up of field connections in an extremely small terminal with guaranteed quality and performance. Available with four feeder/branch ports, four or eight drop ports, passive optical component integration, and single or mass fusion splicing, this unit is ideal any for telecommunication, FTTx, or wireless fiber network. It's reliable high-density, hardened connectivity – ***that works!***

Benefits:

- Eliminates dependance on hardened connectors
- Adds security as customer connections are completely separate from feeder and branch splice area
- Shortens lead-times by using standard connector drop cables
- Diversifies supply chain using standard fiber cables
- Simplifies inventory management
- Provides flexibility with one form factor for a variety of applications

Features:

- Hardened connectivity using standard LC, SC, and MPO fiber connectors
- Compact design – very small in size
- Isolated individual connector ports – each sealed in a dedicated IP68 chamber with reliable clasp latching
- Separate sealed compartment for feeder cable storage, splicing, and optical components enterable away from customer connections
- Four cable entry/exit ports for feeder and branch cables
- Both single fiber and ribbon splice options
- Suitable for housing Splitters, Engineered TAPs, and WDMs
- Holds up to 7' of cable/buffer tube slack for a 144F cable
- Four or Eight drop cable ports with anchor plate tie-off
- Pole, strand, wall, pedestal, handhole/manhole mountable
- Compliant with GR-771 and IEC 60529 (IP68)

Applications:

- Telecommunications & Data Communications networks
- Ideal for 5G, Small Cell, Rural, HFC, and DAS Networks
- FTTH, FTTA and MDU deployments

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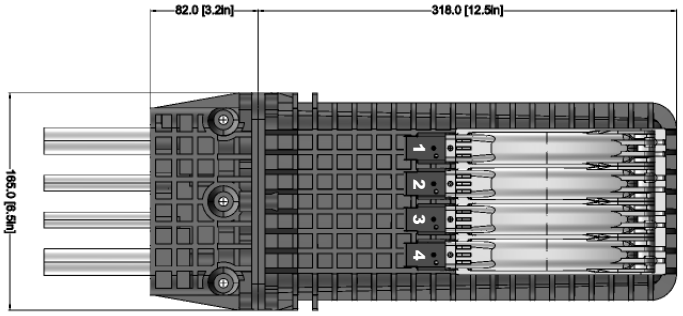
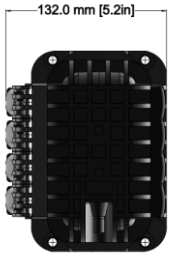
PEACOC® Mid-span Clamshell Hardened Terminal

PARAMETER	SPECIFICATION
Cable Entry/Exit Ports	Feeder (x2): 11~20mm diameter Branch (x2): 3~12mm diameter
Connectorized Drop Ports	4-Ports or 8-Ports
Adapter Type(s)	SC/APC & SC/UPC LC/APC & LC/UPC MPO
Supported Drop Cables	**Round:** 3mm and 4.8mm **Flat:** 5.4 x 3.0mm and 8.1 x 4.6mm (with anchor plate)
Splice Capacity (when no optical components are included)	Up to 24 single fiber (loose-tube) splices Up to 12 mass fusion (ribbon) splices
Outer Dimensions	4-Ports: 15.7" X 6.5" X 5.2" 8-Ports: 15.7" X 6.5" X 6.0"
Operating Temperature	-40°C to +70°C
Mounting Options	Pole/Wall, Strand, Pedestal, Handhole
Color	Black
Functional Options	Loose-tube and Ribbon Splice PLC Splitter Engineered TAPs
Standards	GR-771 and IEC 60529 (IP68)

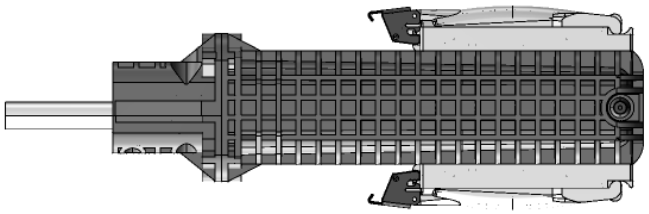
Product Dimensions:



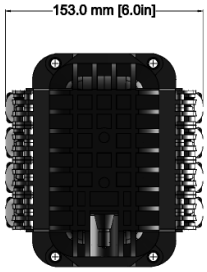
4-PORTS / 8-PORTS
(Front View)



4-PORTS
(Top View)



8-PORTS
(Side View)



8-PORTS
(Top View)

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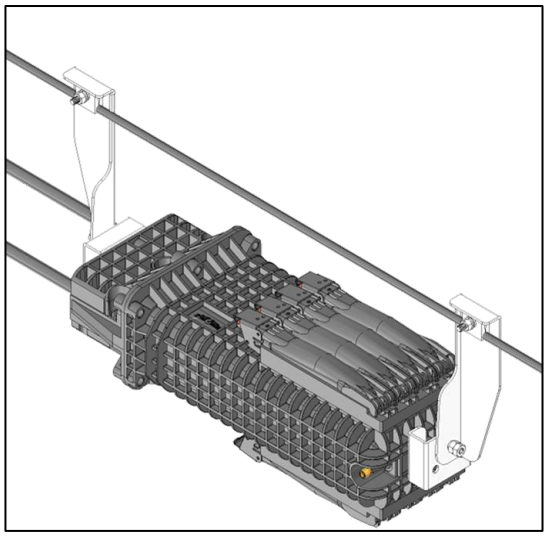
PEACOC® Mid-span Clamshell Hardened Terminal

Mounting Options:

POLE/ WALL MOUNT



STRAND MOUNT

Product Views (drop ports):

M-CHT
(Front View)

M-CHT
(Drop Port Access)

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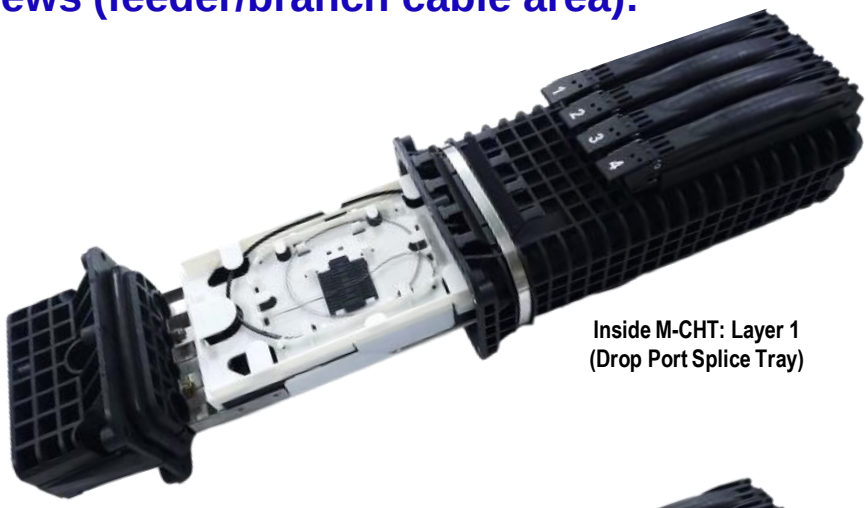
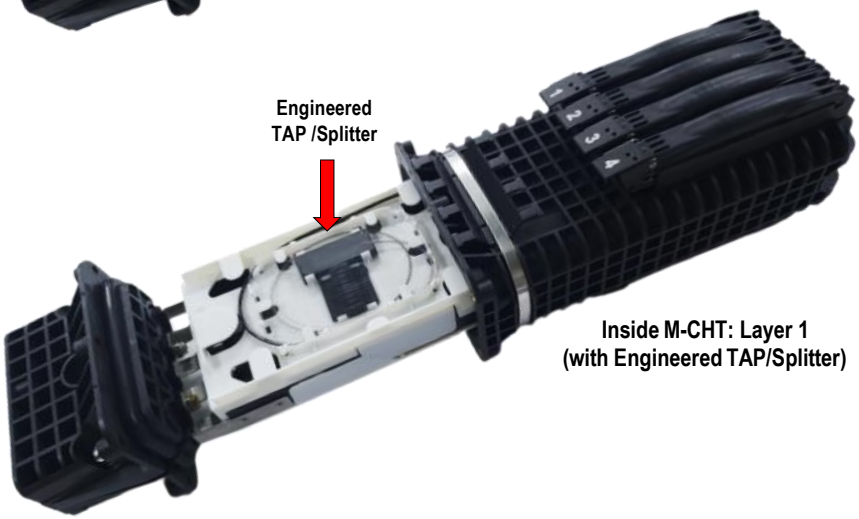
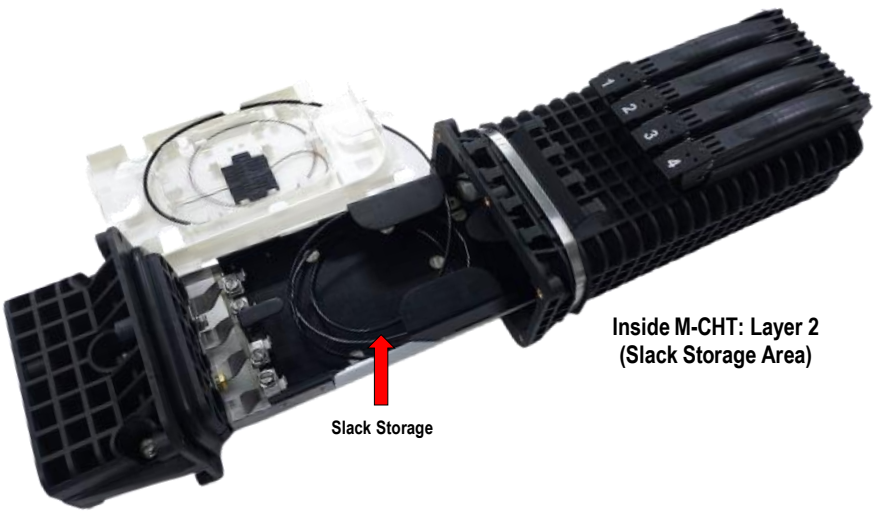
Product Views (feeder/branch cable area):



Inside M-CHT: Layer 1
(Drop Port Splice Tray)



Inside M-CHT: Layer 1
(with Engineered TAP/Splitter)



Inside M-CHT: Layer 2
(Slack Storage Area)

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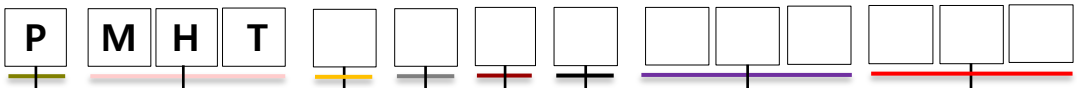
Ordering Guide for Standard M-CHT



PRODUCT FAMILY	
Code	Code Description
P	PEACOC

PRODUCT TYPE	
Code	Code Description
MHT	Mid-Span Clamshell Hardened Terminal

NUMBER OF DROP PORTS	
Code	Code Description
4	4 Ports
8	8 Ports

DROP PORT ADAPTER TYPE	
Code	Code Description
1	SC/UPC (BLUE)
2	SC/APC (GREEN)
3	LC/UPC (BLUE)
4	LC/APC (GREEN)

MOUNTING BRACKET TYPE	
Code	Code Description
P	Pole / Wall / Pedestal
C	Cable / Strand
S	None

TERMINAL TYPE	
Code	Code Description
L	Loose Tube Splice
R	Ribbon Splice

PRODUCT SERIES	
Code	Code Description
___	Product Series (3 numbers)

CUSTOMER CODE	
Code	Code Description
___	Customer Code (3 letters)

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PEACOC® Mid-span Clamshell Hardened Terminal

Ordering Guide for M-CHT with Splitters

PRODUCT FAMILY	
Code	Code Description
P	PEACOC

PRODUCT TYPE	
Code	Code Description
MHT	Mid-Span Clamshell Hardened Terminal

NUMBER OF DROP PORTS / SPLITTER TYPE	
Code	Code Description
A	1 x 4 Splitter
B	1 x 8 Splitter

DROP PORT ADAPTER TYPE	
Code	Code Description
1	SC/UPC (BLUE)
2	SC/APC (GREEN)
3	LC/UPC (BLUE)
4	LC/APC (GREEN)

TERMINAL TYPE	
Code	Code Description
S	Splitter

MOUNTING BRACKET TYPE	
Code	Code Description
P	Pole / Wall / Pedestal
C	Cable / Strand
S	None

CUSTOMER CODE	
Code	Code Description
___	Customer Code (3 letters)

PRODUCT SERIES	
Code	Code Description
___	Product Series (3 numbers)

SPLITTER MODULE CONFIGURATION	
Code	Code Description
102	1 set of 1x2
202	2 sets of 1x2
302	3 sets of 1x2
402	4 sets of 1x2
104	1 set of 1x4
204	2 sets of 1x4
108	1 set of 1x8

1X4 and 1X8 Splitter Specifications:

PARAMETER	SPECIFICATION	
Operating Wavelength	1260~1620nm	
Configuration	1x4	1x8
Insertion Loss	≤ 7.2 dB	≤ 10.9 dB
Uniformity	≤1.0 dB	≤1.0 dB
Polarization Dependent Loss	≤0.2 dB	≤0.3 dB
Return Loss	≥50 dB	
Optical Power Handling	≤ 500 mW	
Standards	GR-1209/GR-1221	

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PEACOC® Mid-span Clamshell Hardened Terminal

Ordering Guide for M-CHT with Engineered TAPs

PRODUCT FAMILY	
Code	Code Description
P	PEACOC

PRODUCT TYPE	
Code	Code Description
MHT	Mid-Span Clamshell Hardened Terminal

NUMBER OF DROP PORTS	
Code	Code Description
4	4 Ports
8	8 Ports

DROP PORT ADAPTER TYPE	
Code	Code Description
1	SC/UPC (BLUE)
2	SC/APC (GREEN)
3	LC/UPC (BLUE)
4	LC/APC (GREEN)

TERMINAL TYPE	
Code	Code Description
T	Engineered TAP

TAP SPLITTER TYPE	
Code	Code Description
__	2 Digits Numeric Code (Refer to TAP Ordering Guide)

MOUNTING BRACKET TYPE	
Code	Code Description
P	Pole / Wall / Pedestal
C	Cable / Strand
S	None

CUSTOMER CODE	
Code	Code Description
___	Customer Code (3 letters)

PRODUCT SERIES	
Code	Code Description
___	Product Series (3 numbers)

TAP ORDERING GUIDE ON NEXT PAGE

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TAP Ordering Guide:

Code	TAP Value	TAP Module Description
MODULE WITH 2-DROP PORTS		
01	21 dB	99/1 TAP WITH 1X2 SPLITTER DROP PORTS
02	19 dB	98/2 TAP WITH 1X2 SPLITTER DROP PORTS
03	17 dB	97/3 TAP WITH 1X2 SPLITTER DROP PORTS
04	15 dB	95/5 TAP WITH 1X2 SPLITTER DROP PORTS
05	14 dB	94/6 TAP WITH 1X2 SPLITTER DROP PORTS
06	12 dB	90/10 TAP WITH 1X2 SPLITTER DROP PORTS
07	10 dB	80/20 TAP WITH 1X2 SPLITTER DROP PORTS
08	8 dB	75/25 TAP WITH 1X2 SPLITTER DROP PORTS
09	7 dB	70/30 TAP WITH 1X2 SPLITTER DROP PORTS
10	5 dB	60/40 TAP WITH 1X2 SPLITTER DROP PORTS
11	4 dB	1X2 SPLITTER DROP PORTS - TERMINATOR TAP
MODULE WITH 4-DROP PORTS		
12	21 dB	99/1 TAP WITH 1X4 SPLITTER DROP PORTS
13	19 dB	98/2 TAP WITH 1X4 SPLITTER DROP PORTS
14	17 dB	97/3 TAP WITH 1X4 SPLITTER DROP PORTS
15	15 dB	95/5 TAP WITH 1X4 SPLITTER DROP PORTS
16	13 dB	93/7 TAP WITH 1X4 SPLITTER DROP PORTS
17	11 dB	90/10 TAP WITH 1X4 SPLITTER DROP PORTS
18	10 dB	85/15 TAP WITH 1X4 SPLITTER DROP PORTS
19	9 dB	80/20 TAP WITH 1X4 SPLITTER DROP PORTS
20	7 dB	1X4 SPLITTER DROP PORTS - TERMINATOR TAP
MODULE WITH 8-DROP PORTS		
21	22 dB	99.5/0.5 TAP WITH 1X8 SPLITTER DROP PORTS
22	21 dB	99/1 TAP WITH 1X8 SPLITTER DROP PORTS
23	19 dB	98/2 TAP WITH 1X8 SPLITTER DROP PORTS
24	17 dB	97/3 TAP WITH 1X8 SPLITTER DROP PORTS
25	15 dB	95/5 TAP WITH 1X8 SPLITTER DROP PORTS
26	14 dB	94/6 TAP WITH 1X8 SPLITTER DROP PORTS
27	12 dB	90/10 TAP WITH 1X8 SPLITTER DROP PORTS
28	11 dB	1X8 SPLITTER DROP PORTS – TERMINATOR TAP

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