OPTIMUS ™

ORDERING INFORMATION

PART NUMBER MATRIX

O	C	F	H		C									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

15 Grade Level Box Option

N = NONE

A = 24x36x42 Grade Level Box with split green plastic bolt down cover

B = 24x36x42 Grade Level Box with split beige plastic bolt down cover

C = 24x36x42 Grade Level Box with split green plastic cover with L-bolt

D = 24x36x42 Grade Level Box with split beige plastic cover with L-bolt

E = 24x36x42 BULK Grade Level Box with split SHIELD bolt down cover

F = 24x36x42 BULK Grade Level Box with split SHIELD cover with L-bolt

G = 30x48x36 Grade Level Box with split green plastic bolt down cover

H = 30x48x36 Grade Level Box with split beige plastic bolt down cover

J = 30x48x36 Grade Level Box with split green plastic cover with L-bolt

K = 30x48x36 Grade Level Box with split beige plastic cover with L-bolt

L = 30x48x36 BULK Grade Level Box with split SHIELD bolt down cover

M = 36x76x42 BULK Grade Level Box with split SHIELD bolt down cover

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Where The Industry Connects.

OPTIMUS ™

Fiber Hub Cabinet: Cross Connect Vault/Pad Mount

Data Sheet

DESCRIPTION

The Vault/Pad mounted Optimus Cabinet Fiber Hub is a powder coated aluminum cabinet designed for centralized split points in a PON network. The cabinet has a 12 inch skirt and is designed to fit onto BULK 24x36x36, 30x48x36, 36x76x42 vaults; or can be pad mounted. The 72, 96, 144, 288, 432 and 576 fiber termination choices allow operators to scale the vault mounted cabinet cost to their network design.

KEY FEATURES & BENEFIT

- Fiber Bend Radius Protection provides timeless performance.
- Intuitive fiber routing provides ease of use and repeatable splitter installation.
- Easy connector access allows easy cleaning access and quick reliable connections.
- Diverse splitter, WDM/Splitter, and CWDM module choice allow deployment in all GPON, EPON, and RFOG deployments as well in both centralized split and decentralized split network configurations.
- Splitter module fits all styles of Fiber Hub enclosures; which minimizes inventory and guarantees that the technician has the right modules to complete the work order.
- Splitter Modules include 1X32, 2x32, 1X16, 2X16, Dual 1X16, 1X8, Quad 1X8, 1X4, Sextuple 1X4, 1X2, and many versions of CWDM and DWDM multiplexer modules.
- Splitter Modules exceed GR-1209 and GR-1221 optical requirements and connect with GR-326 connectors delivering superb optical performance.
- Cabinets are Pole, Wall, and H-Frame mountable giving them placement flexibility
- Cabinets are manufactured with corrosion resistant 5052 H32 high strength aluminum with welded seams and a powder coated finish will deliver decades of cabinet life.
- Powder coated, welded and gasketed Cabinets deliver NEMA 4 water tight and dust tight performance

Optimus 288 Cross Connect Fiber Hub Cabinet mounted on top a 24x36x36 BULK vault with SHIELD cover

Dedicated to protecting fiber optics through design, innovation, and service.

FiBERX ™

PRODUCT SPECIFICATIONS

Distribution Counts	Cabinet Dimensions	Recommended Feed Count	Splitter Module Capacity	Recommended Cable Stub length	BULK Grade Level Box Options
72,96,144	15"wx28"hx14"d	24 Fiber (12 and 36 optional)	8	50'	24x36x36 30x48x42 36x76x42
288	20"wx28"hx14"d	24 Fiber (36 and 48 optional)	15	50'	24x36x36 30x48x42 36x76x42
432,576	25"wx32"hx15"d	48 Fiber (24, 36, 72 optional)	18	50'	30x48x42 36x76x42

* Without 12" Skirt Height

PRODUCT SPOTLIGHT

OPTIMUS 288 CABINET FIBER HUB, VAULT/PAD MOUNT
PART #: OCFH288CABAAAD2AN

Overview

- OCFH288CABAAAD2AN has a 24 fiber feed and 288 fiber distribution field and includes all dielectric loose tube fiber stubs (50' long) and a single 1x32 splitter module

- The cabinet has a 12 inch skirt and is designed to fit onto BULK 24x36x36, 30x48x36, 36x76x42 vaults or can be pad mounted

- All connectors are SC/APC and the splitter modules have input and output leads on them to allow a cross-connection between the fiber input and any subscriber output through the splitter for an "on demand" deployment plan

- Additional feed inputs can be used with fiber jumpers to bypass splitters for secure circuits with un-split signals

- Splitters are available in 32, 16, 8 and 4 way splits and one splitter module design fits every Fiber Hub designed (Cabinet, Sealed Closure or Pole Mount Cabinet designs)

PART NUMBER MATRIX

O C F H   C
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1 — O = OPTIMUS

2 — C = CABINET

3 — F = FIBER

4 — H = HUB

5 — DISTRIBUTION FIBER COUNT
- 072
- 096
- 144
- 288
- 432
- 576

6 — C = CROSS CONNECT

7 — CONNECTOR TYPE
- A = SC/APC
- B = LC/APC
- U = SC/UPC

8 — FEED COUNT
- A = 12
- B = 24
- C = 36
- D = 48 (288, 432 and 576 only)
- E = 72 (432 and 576 only)

9 — SPLITTER INCLUDED
- N = NONE
- A = one 1x32
- B = Two 1x32
- C = Three 1x32
- D = Four 1x32
- E = Five 1x32

10 — SKIRT INCLUDED
- N = NONE
- A = 12 inch

11 — STUB LENGTH
- A = 50 ft
- B = 100 ft
- C = 200 ft

12 — CABLE TYPE
- A = Armored Loose Tube
- D = Dielectric Loose Tube
- X = Armored Ribbon
- R = Dielectric Ribbon

13 — Cabinet Color
- 1 = C1 Light green
- 2 = C2 Beige
- 3 = C3 Dark Green

14 — Handle/Hasp Options
- A = Hex Head Entry And Padlock Hasp
- B = Hex Head Entry

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