



FIBER TO THE HOME



CORE SOLUTION

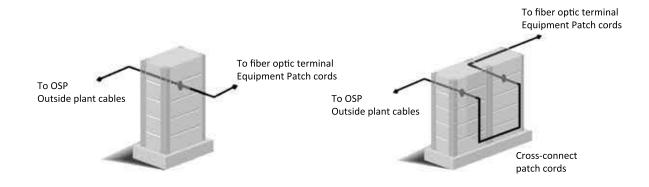
FTTH IS AN ATTRACTIVE SOLUTION for network builders as the core fiber technology is "future proof," meaning it will be able to support broadband demands for the foreseeable future. FTTH Solution have virtually unlimited capacity



FIBER TO THE HOME NETWORK STRUCTURE Household ONU Access Cabinet Outdoor Optical Cable Internet Gpon ONU Fiber Optic Splice Closure PSTN IPTV Splitter Distribution Box FTTH **OLT terminal Center Room** Terminal Box ODF Unit Splice Tray Gpon OLT Epon OLT Equipment Household ONU Access Cabinet Fiber Closure FTTC Splitter Modules Splitter Distribution Box Household ONU Access Cabinet Indoor Fiber Jumpers FTTH Bow-Type Epon ONU Splitter Distribution Box Splitter Distribution Box

Fiber Management Frame

The Fiber Management Frames are used to mount and house Optical Distribution Frame and Optical Splitter Frame. They are installed in Exchanges, in long distance access points and in customer's main fiber cable entry point.





Interconnect Configuration

Features

- Stability and durability for supporing telecommunication equipment

Cross-Connect Configuration

- EIA-310 D/IEC-60297/DIN 41494 19" standardty
- Material 6063-T5 aluminum construction
- 5.0T safety glass front door / 1.2T slide latch type side door
- Steel rear door/side, rear cable bracket/ground bar/caster and level foot
- Black or Ivory powder coat

Application

- Indoor installation
- FTTH
- Data communications

P/N		U	5/	
55	H(mm)		D(mm)	W(mm)
801-J700-1000	1000	18	750	600
801-J700-1200	1200	22	750	600
801-J700-1400	1400	27	750	600
801-J700-1600	1600	31	750	600
801-J700-1800	1800	36	750	600
801-J700-2000	2000	40	750	600
801-J700-2200	2200	45	750	600

Cable Duct System



Cable duct systems are designed perfectly that routes, isolates and protects fiber optic jumper cords, optical cables from the point of building entry to fiber distribution frames, fiber optic terminal device in safety. They are made of PC/ABS that provides excellent heat stability, weather resistance, halogen free, heat resistance, dimensional stability and flame retardant for environmentally safe products as well as UL 2024 Recognised material, and the raceway system contains better impact strength and tensile strength.

Features

- Easy and speedy installation
- No need a special tool
- Excellent materials PC/ABS UL 2024 recognized
- Halogen free
- Easy drop arrangement
- Compatibility with other brand
- Yellow standard color
- Variety of sizes 30, 50, 100, 160, 220 and 300mm
- Duct length 2000mm(standard)

Application

- Indoor installation
- FTTH
- Data communications



^{*}Request for Ordering information

VERATECK Veracity Technology*

Optical Distribution Frame



Optical Distribution Frame is used in exchanges and the main equipment room in customer buildings.

ODF equipment provides efficient termination, splicing, storage and management of optical fibers within the system. ODF is terminated fiber optic transmission system equipment patch cords and mounted and protected fiber optic cable splices

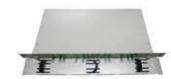
Features

- Durable and rust free housings
- Efficient distribution capacity per unit space
- Easy identification, distribution and connection
- Low loss variation while operation
- All steel constructions except splice tray that is plastic
- Design 1U,2U,4U with 19" or 21" (Customized versions are available)

Application

- Indoor installation
- Rack Mountable Type
- FTTH
- Data communications

Optical Splitter Frame

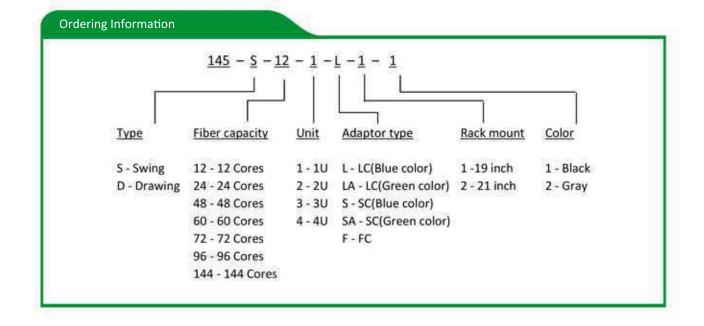


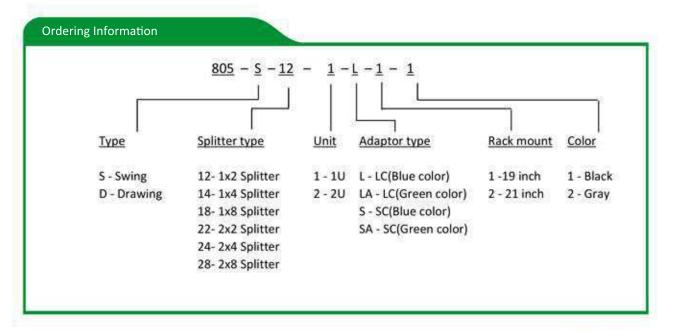
Optical Splitter Frame is used in exchanges where transmission euipments are located to provide an interface point for performing each of splitting the bandwidth of transmission system and terminating incoming patch cord from OLT and outgoing patch cord to ODF and testing facilities between OLT and ODF.

Features

- Durable and rust free housings
- Efficient distribution capacity per unit space
- Easy identification, distribution and connection
- Low loss variation while operation
- All works can be done from the front of frame
- Design 1U,2U with 19" or 21" (Customized versions are available)

- Indoor installation
- Rack Mountable Type
- FTTH
- Data communications







Fiber Optic PLC Splitter

The Optical PLC Splitters are used in exchanges, equipment cabinets, boxes and main equipment room and associated fiber Management Systems, as well as cabinets and Boxes located in customer's building. Splitters are used to optically split power from optical fibers in passive optical network to multiple customer premises.

Features

- Bare fiber or 0.9mm tube type
- Wide product line up from 1xN to 2xN
- Broadband operation wavelength range
- GR1209 &1221-CORE and IEC 61300-*** & IEC 61753-*** Compliant
- Single mode G.657A1 or G.657A2

Application

- Indoor and Outdoor
- Installation of shelf and Box
- FTTH

Ordering Information 141 -1 - 1 - 8 - 1 - 3 - 5 - 1 Connector type Splitter case Splitter input ratio Splitter output ratio Fiber Cable O.D Length(m) 1- PLC Bar Splitter 2-2 1- SM G.657A1 1 - Bare N - None 1 - 1m 2- PLC Splitter Module 4-4 2- SM G.657A2 2 - 0.9mm S-SC/UPC 2 - 1.5m 3 - 2.0mm SA - SC/APC 3 - 2m L-LC/UPC 16 - 16 LA - LC/APC 32 - 32 64 - 64

Fiber Optic PLC Splitter module

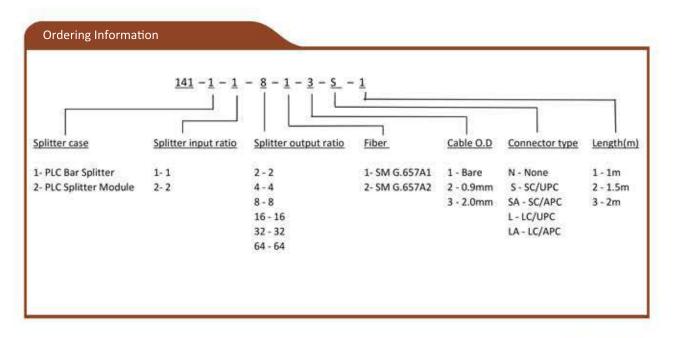


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Features

- 0.9mm or 2.0mm tube type
- Wide product line up from 1xN to 2xN
- Broadband operation wavelength range
- GR1209 &1221-CORE and IEC 61300-*** & IEC 61753-*** Compliant
- Single mode G.657A1 or G.657A2

- Indoor and Outdoor
- Installation of shelf and Box
- FTTH



Fiber Optic Cable Joint Closure



SC9601

Optical closures are used to protect the through-pass and branched connecting points of the optical cable from external forces and moisture, while storing the excess fibers and fiber connections safely and efficiently our closures attend to the vicissitudes of optical network by offering various features such as mid-span branching, built-in optical splitters, drop cable cabling, at the same time, eliminating the need for re-assembly materials.

Specification

- In-Line type
- Cable Enty: 3(In)/3(Out)
- Cable O.D: 8-20mm
- No. of Splice tray: Max 6 (per tray 24C)
- Max Capa.: 144C



SC9602

Specification

- In-Line type
- Cable Enty: 2(In)/2(Out)
- Cable O.D: 8-23mm
- No. of Splice tray: Max 12 (per tray 24C)
- Max Capa.: 288C



CA5601

Specification

- Subscriber In-Line Aerial type
- Cable Enty: 2(In)/2(Out)/16 (Drop)
- Cable O.D: 8-16mm(In,Out)/ 2x5mm(Drop)
- No. of Splice tray: Max 1 (per tray 24C)
- Adaptor: SC Simplex (Max 18)
- Splitter: 1x8(x2) or 1x16

Features

- Qualified to GR-771-CORE
- Easy installation, accommodate any size of cable
- Compact design and high strength
- Enough work space and efficient splicing
- Environmental conservation structure and material

Application

- Outdoor installation
- Aerial, buried and underground application
- FTTH



SC600

Specfication

- SC600A
- Dome type
- Cable Enty: 4(Single)/1(Oval)
- Cable O.D: less than 20mm(Single)/28mm(Oval)
- No. of Splice tray: Max 4 (per tray 24C)
- Max Capa.: 96C
- SC600B
- Dome type
- Cable Enty: 5(Single)/1(Oval)
- Cable O.D: less than 25mm(Single)/33mm(Oval)
- No. of Splice tray: Max 6 (per tray 24C)
- Max Capa.: 144C

Fiber Temination Box





DB9606

Fiber Termination Boxes are used to provide a fiber termination point with test facilities between drop cables and inside wiring for customer's building.

The FTBs are installed in the customer building's outside wall or designated communication room.

Features

- Simple and clearly arranged cable management
- Engineered fiber routing protects bend radius
- Enough work space and efficient splicing
- PLC splitter module can be installed

Application

- Indoor and Outdoor installation
- Wall/Pole Mountable Type
- FTTH





DB9602





DB9601

1





DB9603



DB9604

DB9605

DB9607A

DB9607B

DB9648

Specification

P/N	Dimension(mm)	Adaptor	No. of Adaptor	Splice capacity	No. of Splitter	Mounting
DB9601	167x102x31	Simplex SC	2	2C	540	Wall mount
DB9602	186x116x40	Simplex SC	4	4C	E27/	Wall mount
DB9603	191x120x44	Simplex SC	4	4C	()考() ())()()	Wall mount
DB9604	213x163x47	Simplex SC	8	8C	580	Wall mount
DB9605	225x200x65	Simplex SC	12	12C	1x4(x2) or 1x8(x1)	Wall/Pole mount
DB9606	293x219x83	Simplex SC	16	16C	1x8(x2) or 1x16(x1)	Wall/Pole mount
DB9607A	320x240x100	Simplex SC	24	24C	1x8(x2) or 1x16(x1)	Wall/Pole mount
DB9607B	320x240x100	Simplex SC	16	16C	1x8(x2) or 1x16(x1)	Wall/Pole mount
DB9648	380x320x115	Duplex SC	24	48C	1x16(x2) or 1x326(x1)	Wall/Pole mount

Optical Distribution Box



Opical Distribution Box is used to provide an intermdiate connection point between main fiber optic entrance cable facilities, terminated at the main ODF on the networks side, and the building's fiber optic cabling system on the customer side.

The ODBs are installed in the customer building's main equipment room.

Features

- Termination, splicing, storage and management of optic fibers.
- Engineered fiber routing protects bend radius
- Enough work space and efficient splicing
- Protected to IP55 grade

Application

- Indoor and Outdoor installation
- Wall/Pole Mountable Type
- FTTH

Optical Splitter Box



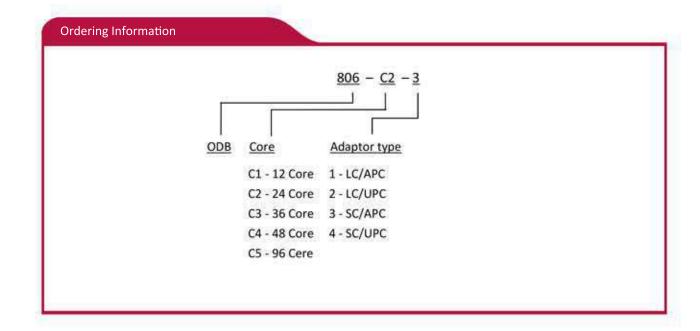
Optical Splitter Boxes are used to provide a fiber temination point and housing of an optical splitter for fiber optic access network at the customer's building.

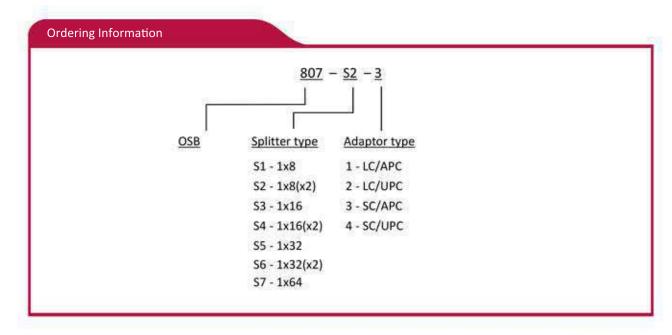
The OSBs are installed inside customer building. they serve as the termination and testing point for drop cable and the customer's in-building fiber optic cabling system facilities

Features

- Simple and clearly arranged cable management
- Engineered fiber routing protects bend radius
- Enough work space and efficient splicing
- PLC splitter module can be installed

- Indoor and Outdoor installation
- Wall/Pole Mountable Type
- FTTH





Fiber Outlet Box



PA602



PA604

Fiber Outlet Box is installed inside the customer's building to provide fiber termination points and housing for optical adaptors and connectors. The FOBs are used for the interface and interconnection point between the customer's in-building fiber optic cabling system and ONT(Optical Network Terminal) with patchcord.

Features

- Termination, splicing, storage and management of optic fibers.
- Engineered fiber routing protects bend radius
- Enough work space and efficient splicing
- Up to 4 fibers terminated with SC, LC Adaptor

Application

- Indoor installation
- Wall Mountable Type
- Distribution point of subsriber
- FTTH

Specification P/N Dimension(mm) Adaptor No. of Adaptor Splice capacity Mounting Wall mount PA602 130 x 84.3 x 24.1 Simplex SC 2C 4C PA604 150 x 110 x 29 Simplex SC Wall mount

Opitcal Distribution Cabinet



Optical Distribution Cabinet (ODC) is used to accommodate and provide optical termination point between the feeder and distribution network with flexibility of cross-connection.

ODCs are used close to the FTTx subscriber part. The product has optical splitter frame inside and has a function of distribution up to 288C subscriber.

Features

- Simple and clearly arranged cable management
- Integrated slack storage spool
- All front access
- Acconnodates splitter Slot 18 for 144C and 36 for 288C
- Materials are exterior SMC and interior stainless steel

- Outdoor installation
- Street standing and Pole Mountable Type
- FTTH

Specifica	ition							
P/N	Dimension(mm)	Adaptor	No. of Adaptor	Module Capacity	No. of Module	Splitter Slot	Parking Lot	Mounting
OC144A	1,035x550x310	SC	144	12C	12	18	32	Ground standing
OC288A	1,460x750x320	SC	288	12C	24	36	64	Ground standing

FO Patchcord and Pigtail



The Patch Cords and Pigtails are used in exchanges, equipment cabinets, boxes and main equipment room housing Optical Line Terminal Equipment and associated Fiber Management Systems, as well as cabinets and boxes located in customer's building.

Features

- Guaranteed performance specfication
- Various connector type available
- Low insertion loss and return loss
- Tercodia GR-326 CORE

Application

- Optical fiber communication
- LAN, CATV systems
- Optical network equipment
- Optical test equipment
- Module pigtails

FO Breakout cord



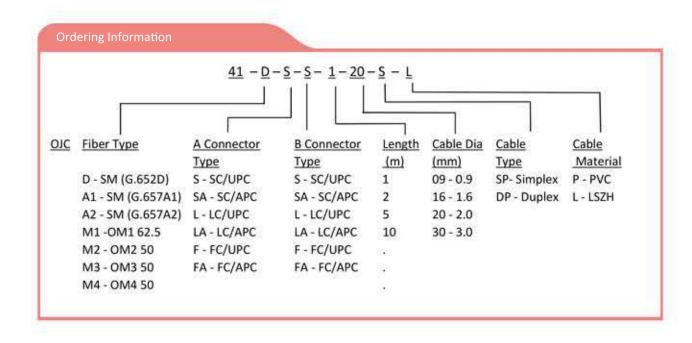


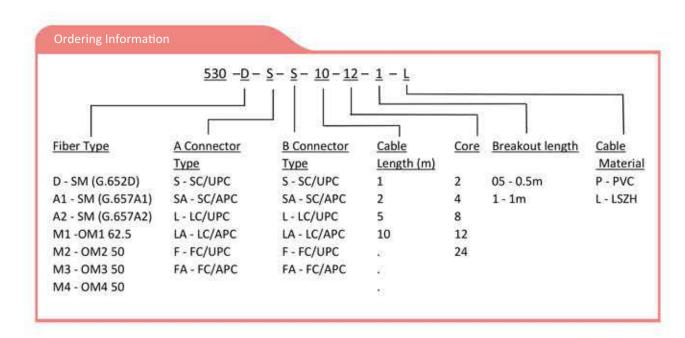
The Breakout Cables are flexible, flame-retardant, non-metalic cable recommended for use in telecommunication station between the optical line system and the fiber frame distribution (OFD). It is also suitable for data networks (LAN).

Features

- Pre-assembled breakout cable for primarily indoor use
- Optical performance 100% factory tested
- Precision ceratic ferrule with end face geomery IEC proposal
- Environmetally stable

- Telecommunication network
- CATV network
- Data communication network
- Intrabuilding backbone
- FTTH







Fiber Termination Box Series



VR-DB9607A

Fiber Termination Boxes are used to provide a fiber termination point with test facilities between drop cables and inside wiring for customer's building.

The FTB's are installed in the customer building's outside wall or designated communication room.

Features

- Simple and clearly arranged cable management
- Engineered fiber routing protects bend radius
- Enough work space and efficient splicing
- PLC splitter module can be installed

Application

- Indoor and Outdoor installation
- Wall / Pole mountable type
- FTTH





Fiber Termination Box Series VR-DB9601



Project Description

VR-DB9601 is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 2 subscribers (4 subscribers with Duplex LC).

Features

- Indoor and outdoor applications, IP 55 rated
- Compact and light
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails

Physical Property

Par	Parameter		9601
Dimension (WxDxH, mm)		167x102x31	
Adaptor	Adaptor type	SC	Duplex LC
Adaptor	No. of Adaptor	Max.2	Max.2
Ca	Capacity		Max. 4FO
Мс	Mounting		lount



Mounting Hole

Fiber Termination Box Series VR-DB9602



Project Description

VR-DB9602 is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 4 subscribers with SC Adaptor (8 subscribers with Duplex LC).

Features

- Indoor and outdoor applications, IP 55 rated
- Compact and light
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails

Physical Property

Par	Parameter		9602
Dimension (WxDxH, mm)		186x116x40	
Adaptor	Adaptor type	SC	Duplex LC
Auaptoi	No. of Adaptor	Max.4	Max.4
Ca	Capacity		Max. 8FO
Mo	Mounting		1ount



Mounting Hole



Fiber Termination Box Series VR-DB9603



Project Description

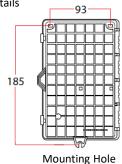
VR-DB9603 is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 4 subscribers (8 subscribers with Duplex LC).

Features

- Indoor and outdoor applications, IP 55 rated
- Hexagonal Key Lock applied
- Compact and light
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails

Physical Property

Para	Parameter		9603
Dimension (WxDxH, mm)		191x120x44	
Adaptor	Adaptor type	SC	Duplex LC
Auaptoi	No. of Adaptor	Max.4	Max.4
Ca	Capacity		Max. 8FO
Mo	Mounting		lount



Fiber Termination Box Series VR-DB9604



Project Description

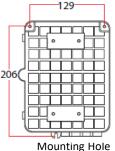
VR-DB9604 is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 8 subscribers with SC Adaptor (16 subscribers with Duplex LC).

Features

- Indoor and outdoor applications, IP 55 rated
- Compact and light
- PLC Splitter can be installed
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails

Physical Property

Par	Parameter		39604
Dimension (WxDxH, mm)		213x163x47	
Adamtar	Adaptor type	SC	Duplex LC
Adaptor	No. of Adaptor	Max.8	Max.8
Capacity		Max. 8FO	Max. 16FO
Mounting		Wall N	/lount



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Fiber Termination Box Series VR-DB9605



Project Description

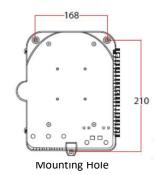
VR-DB9605 is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 12 subscribers. PLC Splitters can be mounted in the VR-DB9605.

Features

- Indoor and outdoor applications, IP 55 rated
- Loop Through cable can be installed
- PLC Splitter can be installed
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails
- Wall and Pole mountable

Physical Property

Parameter		VR-DB9605	
Dimension (WxDxH, mm)		225x200x65	
Adaptor type		SC	
Adaptor	Adaptor No. of Adaptor		k.12
Splitter	Splitter type	Nx2~Nx4	Nx8
Splitter	No. of Splitter	Max.2	Max.1
Capacity		Max. 12FO	
Мо	ounting	Wall Mount ,	/ Pole Mount



Fiber Termination Box Series VR-DB9606



Project Description

VR-DB9606 is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 16 subscribers. PLC Splitters can be mounted in the VR-DB9606.

Features

- Indoor and outdoor applications, IP 55 rated
- Loop Through cable can be installed
- PLC Splitter can be installed
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails

Physical Property

Para	Parameter		39606
Dimension (WxDxH, mm)		293x219x84	
Adamtas	Adaptor type	S	С
Adaptor	No. of Adaptor	Max.24	
Colittor	Splitter type	Nx2~Nx8	Nx16
Splitter	No. of Splitter	Max.2	Max.1
Capacity		Max. 16FO	
Mo	unting	Wall Mount /	Pole Mount



[Pole Mount Kit]

Mounting Hole

TELECOM



Fiber Termination Box Series VR-DB9607A



Project Description

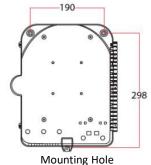
VR-DB9607A is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 24 subscribers. PLC Splitters can be mounted in the VR-DB9607A.

Features

- Indoor and outdoor applications, IP 55 rated
- Loop Through cable can be installed
- PLC Splitter can be installed
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails
- Wall and Pole mountable

Physical Property

Par	Parameter		9607A	
Dimension	Dimension (WxDxH, mm)		320x240x100	
Adaptar	Adaptor type No. of Adaptor		С	
Adaptor			k.24	
Colittor	Splitter type	Nx2~Nx8	Nx16	
Splitter	No. of Splitter	Max.2	Max.1	
Capacity		Max. 24FO		
Mo	ounting	Wall Mount ,	/ Pole Mount	



Fiber Termination Box Series

VR-DB9607B



Project Description

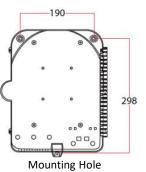
VR-DB9607B is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 16 subscribers by using cassette type of PLC Splitter.

Features

- Indoor and outdoor applications, IP 55 rated
- Loop Through cable can be installed
- PLC Splitter can be installed
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails

Physical Property

Parameter		VR-DB	9607B
Dimension (WxDxH, mm)		320x240x100	
Adaptor	Adaptor type		2
Adaptor	No. of Adaptor	Max.16	
Calittar	Splitter type	1x8	1x16
Splitter	No. of Splitter	Max.2	Max.1
Capacity		Max. 16FO	
Мо	unting	Wall Mount /	Pole Mount





Fiber Termination Box Series VR-DB9648









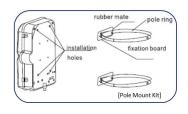
VR-DB9648 is a robust outdoor-rated enclosure designed for FTTH networks in single dwelling, multi-dwelling and multitenant applications, where it servers as a distribution box for up to 48 subscribers. PLC Splitters can be mounted in the VR-DB9648.

Features

- Indoor and outdoor applications, IP 55 rated
- Loop Through cable can be installed
- PLC Splitter can be installed
- Swing panel design for easy installation and maintenance
- Integrated splice and fiber management
- Distribution cables can be pre-terminated or spliced to pigtails
- Wall and Pole mountable

Physical Property

Parameter		VR-DB9648	
Dimension (WxDxH, mm)		420x320x130	
Adaptor type		S	C
Adaptor	No. of Adaptor	Max.24	
Colittor	Splitter type	Nx2~Nx8	Nx16
Splitter	No. of Splitter	Max.2	Max.1
Capacity		Max. 48FO	
Мо	unting	Wall Mount /	Pole Mount









VR-DB9601

VR-DB9602

VR-DB9603





VR-DB9605



VR-DB9606







VR-DB9607B



VR-DB9648



VERATECK delivers turn-key innovative commercial and public safety coverage and capacity solutions that given etwork operators, facilities owners and neutral hosts an edge over the competition

Designed for even the most challenging indoor and outdoor environments, VERATECK's modular and integrated solutions are designed to reduce capital and operating expenses, speed rollout of services and help improve coverage, signal quality and capacity

FTTH (Fiber To The Home) Solution refers to fiber optic cable that replaces the standard copper wire of the local Telco. Fiber of this cable reaches the boundary of the living space, such as a box on the outside wall of a home.

FTTA (Fiber To The Antenna) Solution is the new generation of highperformance fiber-optic cables for high-speed data transfer from VERATECK. It secures your network connectivity today and in the future

FTTH, FTTA, MTP PRODUCT INFORMATION, PLEASE VIST OUR WEB SITE www.verateck.com

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