

ODB-8641

Pre-connectorized Hardened Terminal

Application

Outdoor FTTH/FTTx subscriber access and cascaded distribution networks.
Wall- or pole-mounted deployment on poles, posts, and building facades.



Key Features

Two unbalanced 1×9 PLC configurations: 50/50 and 70/30.
Ten reinforced SC interfaces: one input, one continuation output, and eight service outputs.
Hot-plate-welded PP+GF enclosure, rated IP65 and IK10.
Fully configured and factory assembled for field installation.
Supplied cable storage bracket accommodates at least 20 m of excess cable.

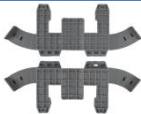
Specifications

Part No.	ODB-8641
Material	UV-resistant Reinforced PP
Color	RAL 7024 (Gray)
Dimensions	223 × 184 × 76 mm
Cable Entries	1 Hardened SC Connector (Red)
Cascade Output	1 Hardened SC Connector (Blue)
Terminal Ports	8 Hardened SC Connector (Black)
Suitable Splitter	1×8 Micro PLC Splitter
IP Rating	IP65
Mounting	Wall mount or pole mount
Cable Storage	20 m minimum with Cable Storage Bracket

Configuration

Configuration	ODB-8641-50/50	ODB-8641-70/30													
Network Role	Intermediate terminal	Intermediate terminal													
Cable Ports	1 Input + 1 Continuation + 8 Service outputs 	1 Input + 1 Continuation + 8 Service outputs 													
Input Port	Red	Red													
Continuation Output	Blue	Blue													
Service Ports	8 × Black	8 × Black													
Splitter Arrangement	<table><tr><th>Splitter</th><th>Operating Wavelength (nm)</th><th>IL (dB)</th><th>RL (dB)</th><th>Polarization</th></tr><tr><td>1×9</td><td>1260 - 1650</td><td>Blue Output ≤ 3.8±0.2 Black Outputs ≤ 14±0.2</td><td>≥ 60</td><td>≤ 0.15</td></tr></table>					Splitter	Operating Wavelength (nm)	IL (dB)	RL (dB)	Polarization	1×9	1260 - 1650	Blue Output ≤ 3.8±0.2 Black Outputs ≤ 14±0.2	≥ 60	≤ 0.15
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1×9 PLC splitter, 50/50		1×9 PLC splitter, 70/30													

Accessories

No.	Picture	Name	Unit	Quantity
1		Cable Storage Bracket	Pair	1
2		Wall-mounting Kit	Pair	3
3		Pole-mounting Kit	Pair	1



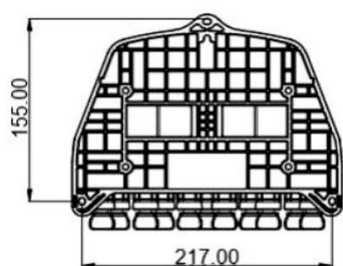
Cable storage bracket



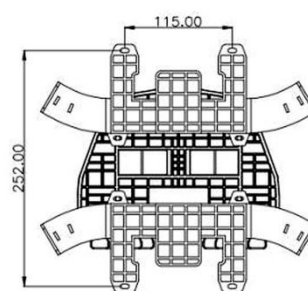
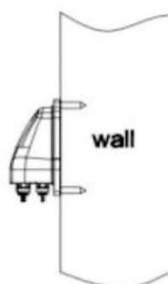
Bracket installed on terminal

Mounting Options

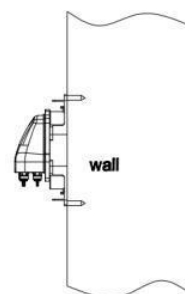
Wall-mounting



Without Cable-storage-bracket



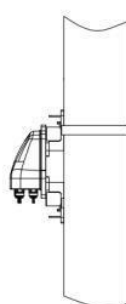
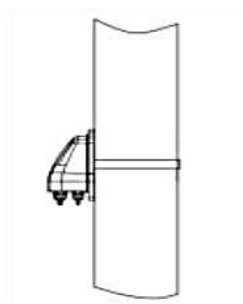
With Cable-storage-bracket



Pole-mounting



Without Cable-storage-bracket



With Cable-storage-bracket



Packing List

Part No.	Carton Size	PCS/CTN	Carton G.W.
FAT-8632	40.5 × 32.5 × 45.5 cm	6	6.5 kg

Palletizing

Cartons / Pallet	Arrangement	Loaded Pallet Size	Total G.W.
18	6 cartons/layer × 3 layers	120 × 100 × 150.9 cm	146.1 kg