

General Description

PDR's Home Termination Box (HTB) is a compact, wall-mounted enclosure installed inside the customer's premises to provide a neat fiber termination point and housing for optical adapters, fiber interconnect cords (FICs) and pigtails. Acting as the interface between the in-building fiber optic cabling system and the ONT patch cord, the HTB supports termination, splicing and cable storage for Customer Premises Equipment (CPE) installations. It is available in 2-way and 4-way variants and accepts both SC and LC optical adapters, with fiber routing guides that maintain the minimum bend radius throughout to protect signal integrity.



Key Features

- Available in 2-way and 4-way variants to suit different premises requirements
- Compact, low-profile design occupies minimal wall space during installation
- Inner slack storage area maintains minimum bend radius compliance at all times
- Simple, tool-free installation with included mounting screws and cable ties
- Inner tray accommodates splice sleeves for clean in-box splicing
- Accepts both standard SC and LC optical adapters
- Available in Loaded (with adapters) and Unloaded (adapter-free) configurations
- Durable ABS/PP construction for reliable long-term indoor deployment
- Complies with IEC 61754-4 international fiber optic connector standards

PDR VIDEOTRONICS (INDIA) PRIVATE LIMITED

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Technical Specifications

Parameter	Specification
Variants	2-way / 4-way
Fiber Count	2-way: up to 2 (SC) / 4 (LC) — 4-way: up to 4 (SC) / 8 (LC)
Colour	White
Material	ABS, PP
Insertion Loss	< 0.3 dB
Return Loss	≥ 65 dB (APC) / ≥ 55 dB (UPC)
Adapter Compatibility	SC, LC (standard form factor)
Adapter Mounting	2-way: Flanged adapter — 4-way: Flangeless adapter
Configuration	Loaded / Unloaded
Standard	IEC 61754-4

Applications

- Fiber-to-the-Home (FTTH) and Fiber-to-the-Building (FTTB) last-mile deployments
- Optical CATV and broadband fiber distribution networks
- Local Area Network (LAN) structured cabling termination points
- ONT patch cord interface in residential and small commercial premises
- Multi-dwelling unit (MDU) fiber distribution and in-building cabling systems
- Field service and installation requiring a neat, compact fiber termination solution

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Ordering Information

Part code: PDR-HTB-[Variant]-[Adapter]-[Load]. Specify the variant, adapter type and load state when ordering. Example: PDR-HTB-4W-LC-L for a 4-way box loaded with LC adapters.

How to Read the Part Code

Segment	Meaning	Options
PDR	PDR Videotronics product prefix	Fixed — always PDR
HTB	Home Termination Box	Fixed — always HTB
2W / 4W	Variant	2W = 2-way 4W = 4-way
SC / LC	Adapter type	SC LC
L / U	Configuration at supply	L = Loaded (adapters fitted) U = Unloaded

Model Selection

Model No.	Variant	Adapter	Max Ports	Config
PDR-HTB-2W-SC-L	2-way	SC (flanged)	2	Loaded
PDR-HTB-2W-LC-L	2-way	LC (flanged)	4	Loaded
PDR-HTB-4W-SC-L	4-way	SC (flangeless)	4	Loaded
PDR-HTB-4W-LC-L	4-way	LC (flangeless)	8	Loaded
PDR-HTB-2W-U	2-way	—	—	Unloaded
PDR-HTB-4W-U	4-way	—	—	Unloaded

Standard Package Contents

Item	Quantity
Home Termination Box	1
Optical Adapters (Loaded variants)	As per configuration
Mounting Screws	1 set
Cable Ties	1 set
User Manual	1

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