

General Description

The HTSC-TL16 is a robust, re-enterable horizontal fiber optic splice closure engineered for outdoor fiber management in duct, aerial, and wall-mounted installations. Accommodating all standard fiber optic cable types, it supports up to 48 splices (2×24) within a compact $445 \times 240 \times 140$ mm enclosure, while an integrated sheath retention and central strength member fastening system ensures secure cable termination. The ribbed closure body is moulded from UV-resistant lightweight plastic, delivering exceptional resistance to mechanical stress, chemical exposure, and prolonged UV attack. Rated IP65 and RoHS compliant, the HTSC-TL16 provides reliable ingress protection and long-term environmental durability for demanding outdoor networks.



Key Features

- Suitable for cut, uncut, and taut sheath fiber optic cable applications
- Compatible with all standard fiber optic cable types and diameters
- Integrated sheath retention and central strength member fastening system
- Ribbed closure construction using UV-resistant, lightweight plastic for enhanced rigidity
- High resistance to chemical attack and UV degradation for extended outdoor service life
- Supports up to 48 splices (2×24) with 16 SC simplex adapter capacity
- Four main cable ports (max 12 mm cable dia.) plus 16 drop cable ports (3 mm dia.)
- Simple installation and re-entry with a minimum of tools
- Fully re-enterable and reusable design for straightforward maintenance and upgrades
- IP65 ingress protection rating — all mounting hardware included — RoHS compliant



PDR VIDEOTRONICS (INDIA) PRIVATE LIMITED

ADDRESS

99, Old Prabhadevi Road
Mumbai 400 025, India

CONTACT

T: +91 22 2430 6494 / 2430 9536 / 2436 1647
M: +91 86910 00897 / 95946 56333

ONLINE

E: info@pdrworld.com
W: www.pdrworld.com

Technical Specifications

Parameter	Specification
Model	HTSC-TL16
Dimensions (L×W×H)	445 mm × 240 mm × 140 mm
Splice Capacity	48 splices (2 × 24 splices)
Adapter Capacity	16 SC simplex adapters
Main Cable Ports	4 ports — each accepts 1 cable, max 12 mm diameter
Drop Cable Ports	16 ports — 3 mm diameter or 3×2 drop cable configurations
Applicable Cables	All fiber optic cable types
Mounting Options	Duct Mounting, Aerial Mounting, Wall Mounting
Closure Material	UV-resistant lightweight ribbed plastic
Protection Rating	IP65
Compliance	RoHS
Re-entry	Re-enterable and reusable
Hardware	All mounting hardware included

Applications

- Fiber-to-the-Home (FTTH) and Fiber-to-the-Building (FTTB) feeder cable splicing
- Telecommunications network outdoor splice points and cable junction management
- Duct, aerial, and wall-mounted fiber optic cable distribution installations
- Cable TV (CATV) and broadband infrastructure outdoor splice enclosures
- Municipal, utility, and enterprise fiber optic backbone network deployments
- Field restoration and emergency repair of outdoor fiber optic cable links

Ordering Information

Standard Package Contents

Item	Quantity
Splice Closure — HTSC-TL16	1
Splice Trays (24F each)	2
Cable Entry Sealing Kits	1 set
Mounting Hardware	1 set
User Manual	1

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