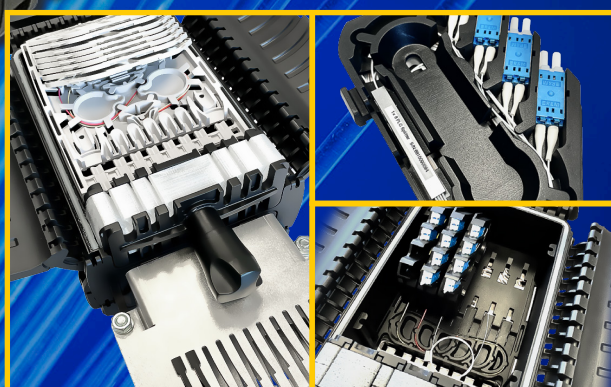**PATENT PENDING**

CUSTOMER DROP SOLUTIONS

Underground Distribution Series

enlighten
TEN-FME4-D
Underground Customer Drop Enclosure

The Teleste FME4-D is a unique underground IP68 enclosure customer drop node for 48 customers, designed for placing in underground chambers, particularly where above ground street cabinets are not allowed or desirable. The enclosure is designed with 6 customer connection modules supporting 8 LC drop connections with optional splitter. The network side of the enclosure supports main cables along with splice trays for business and MDU cabling as needed. The input cable glands are unique IP68 sealed with an optional Duct Transition Unit if microducts are used for customer connections.

Features

- IP68 enclosure with robust closure mechanism
- 48 customer drop cable entries sealed with unique gland design
- Supports 4 main and 8 branch cables
- Splice trays support network cables, business & MDU connections
- Optional Stainless Steel Duct Transition Unit to support 48 microducts
- Different sized microducts can be supported, held in place with unique spring clips

TELESTE

enlighten FTTx PASSIVES / UNDERGROUND DISTRIBUTION SERIES

ENCLOSURE SPECIFICATION

Incoming network cable entries	4 x Main cables 6.0 - 10.0 mm 8 x Branch cables 4.0 - 6.0mm	**Customer drop cable entries**	48, Cable range 2.2 – 3.0mm
Cable sealing main & branch cables	IP68 gel sealing block with twist mechanism to tighten	**Cable sealing customer drops**	IP68 gel sealing block with drop in V shaped wedges, tightened with allen key
Splitters	Network side splitters qty 3 Customer splitters qty 1 per 6 compact splitter modules	**IP rating**	IP68
Customer Connection	48LC/24SC connectors 8 adapter positions per compact splitter module 6 Compact splitter modules	**Cable/Fibre management**	Internal features to manage and route fibres from splice trays to compact splitter modules
Dimensions (WxLxD)	230 x 330 x 240 mm	**Material**	Enclosure PAGF30 + additives splice trays PC ABS + additives Colour Black UV Resistant RAL 9005
Mounting/Fixing	Supports for MOBRA chamber mounting system		

DUCT TRANSITION UNIT SPECIFICATION		DTU SPRING CLIP SPECIFICATION	
Material	Stainless steel 2mm	**Material**	ABS polycarbonate base & spring steel cover
Microducts	Supports 48 microducts in 4 rows of 12 positions	**Size**	Available in different sizes to support different diameter microducts
Dimensions (WxLxD)	200 x 170 x 92 mm		

MECHANICAL LAYOUT

ORDERING INFORMATION

P/N	DESCRIPTION
TEN-FME4-D 48	48 customer drop node IP68
Accessories	
TEN-FME4-D-DTU	Duct Transition Unit for TEN-FME4-D

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TELESTE CORPORATION

www.teleste.com