OptiSheath® MultiPort Flex Terminal

CORNING

Features and Benefits

Low profile, small-form-factor multiport terminal
Reduces construction material cost by enabling smaller pedestals and vaults

OptiTap® Cable assembly connector ports in individual tails
Maximum flexibility when installing in congested pits which reduces need for remediation

Corning® ClearCurve® bend-insensitve fiber
Ideal for tight bend deployments (5mm minimum bend radius)

Preterminated with OptiTip® multifiber connector
Design flexibility and inventory simplicity

Environmentally secure and rated to IP68
Eliminates the risk of moisture ingress

Standards

Design and Test Criteria	Designed and tested to requirements of Telcordia GR-3120

The OptiSheath® MultiPort Flex Terminal is designed for use in outside plant fiber access networks. This innovative terminal provides sealed environmental protection and fast, easy incremental connection of subscriber drop cables while increasing deployment velocity. Its reliability and flexibility make it the ideal choice for outside plant underground fiber access networks, including network access point terminals in fiber-to-the-home (FTTH) network deployments.
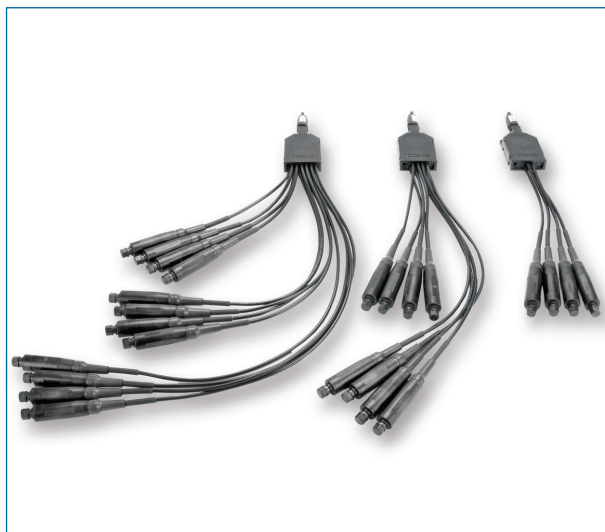
The OptiSheath MultiPort Flex Terminal is built with Corning ClearCurve Optical Fiber — the revolutionary bend-insensitive optical fiber and cable that ensures virtually no attenuation loss, even in tight bends with a bend radius of 5 mm.

The OptiSheath MultiPort Flex Terminal accelerates FTTH community acceptance by enabling lower profile pedestals and hand holes than traditional fiber terminals. The MultiPort Flex Terminal is particularly beneficial when deploying terminals in small congested pits enabling the use of existing pits without the need to spend time and money for remediation. The terminal is available in three configurations: four, eight, and 12 OptiTap single-fiber connector ports.
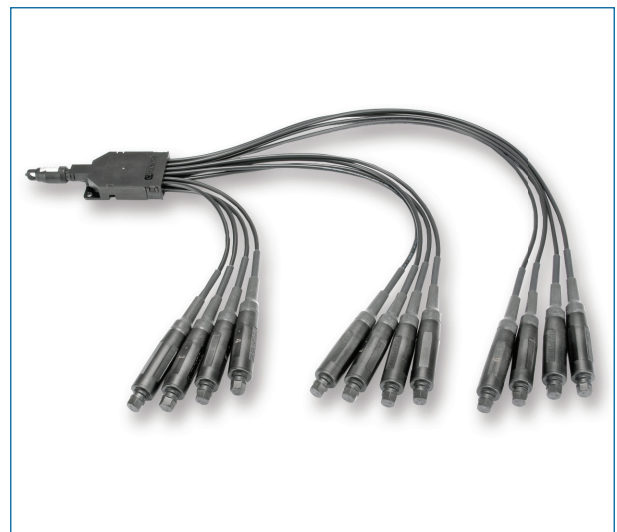
OptiSheath MultiPort Flex Terminals
| Photo CRR2352

OptiSheath MultiPort Flex Terminals, 12 Port
| Photo CRR2350

OptiSheath® MultiPort Flex Terminal

**OptiSheath MultiPort Flex Terminals, 8 Port
| Photo CRR2347**

**OptiSheath MultiPort Flex Terminals, 4 Port
| Photo CRR2344**

Specifications

Mechanical Characteristics

	Total Length (Tip-to-Tip)	Weight
4-port Terminal	443 mm (1.45 ft)	0.21 kg (7.4 ounces)
8-port Terminal	643 mm (2.1 ft)	0.35 kg (12.4 ounces)
12-port Terminal	843 mm (2.8 ft)	0.52 kg (18 ounces)

Optical Characteristics

	Insertion Loss, Maximum	Reflectance, Maximum
OptiTap® Single-Fiber Connector	0.40 dB	≤ 65 dB
OptiTip® Multifiber Connector	0.62 dB	≤ 65 dB

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Ordering Information

Part Number	Description	Units per Delivery
MPF-0448M1R43F	OptiSheath® MultiPort Flex Terminal, OptiTap® non-pinned to OptiTip® non-pinned, 4 port, 4.8 mm ClearCurve® Rugged Drop Cable, black jacket, bulk packaging	8/1
MPF-0448M1R43F-P	OptiSheath® MultiPort Flex Terminal, OptiTap® non-pinned to OptiTip® non-pinned, 4 Port, 4.8 mm ClearCurve® Rugged Drop Cable, black jacket, individual packaging	1/1
MPF-0848M1R43F	OptiSheath® Multiport Flex Terminal, OptiTap® non-pinned to OptiTip® non-pinned, 8 Port, 4.8 mm ClearCurve® Rugged Drop Cable, black jacket, bulk packaging	6/1
MPF-0848M1R43F-P	OptiSheath® Multiport Flex Terminal, OptiTap® non-pinned to OptiTip® non-pinned, 8 Port, 4.8 mm ClearCurve® Rugged Drop Cable, black jacket, individual packaging	1/1
MPF-1248M1R43F	OptiSheath® Multiport Flex Terminal, OptiTap® non-pinned to OptiTip® non-pinned, 12 Port, 4.8 mm ClearCurve® Rugged Drop Cable, black jacket, bulk packaging	6/1
MPF-1248M1R43F-P	OptiSheath® Multiport Flex Terminal, OptiTap® non-pinned to OptiTip® non-pinned, 12 Port, 4.8 mm ClearCurve® Rugged Drop Cable, black jacket, individual packaging	1/1