

OptiSheath® MultiPort Flex Terminal Stubbed 4F, Single-mode (OS2), 50m

CORNING

Part Number:
MOF-0448FD050M-P

The stubbed OptiSheath® MultiPort Flex Terminal is designed for use in outside plant fibre access networks, where a splice-on stub is preferred. In particular, its reliability makes it ideal for FTTH applications. This innovative terminal provides sealed environmental protection, as well as easy incremental connection of subscriber drop cables. This MultiPort Flex Terminal also accelerates FTTH community acceptance through its ability to fit inside some of the most compact pedestals and handholes on the market. It is available in several configurations with 4, 8, and 12 OptiTap® single-fibre connector ports.

Features and Benefits

Low profile, small-form-factor multiport terminal

Reduces construction material cost by enabling smaller pedestals and vaults

Custom length stub, splice-on end

Enhanced flexibility when deploying

In-line OptiTap® cable assembly connector ports in individual tails

Maximum flexibility when installing in congested pits which reduces need for remediation

Factory-terminated polished connectors

Eliminates loss associated with excess fusion splices

Environmentally secure and rated to IP68

Eliminates the risk of moisture ingress



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Specifications

General Specifications

Product type	Terminals
Environment	Outdoor
Fibre category	Single-mode (OS2)
Packaging	Individual Pack
Termination	One end
Technology	Pushlok
Installation Methods	Underground

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Design And Test Criteria	IP68

Environmental Conditions

Temperature range, operation	-40 °C to 70 °C
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Design

Lockable	No
Fibre count	4
Number of ports - cut	4
Number of single-fibre ports, SC APC connector	4
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Housing material	Plastic
Number of fibres in input cable	4

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Mechanical Characteristics

Cold mate/demate	-40 °C
Cable length	50 m

Specifications - Connector A

Connector type	Bare end stub
Insertion loss, max.	0.4 dB
Insertion loss, typical	≤ 0.15 dB
Reflectance, typical	≤ -65 dB (optical return loss)

Specifications - Connector B

Connector type	OptiTap® in-line adapter (female)
Polish	APC
Insertion loss, max.	0.4 dB
Reflectance, typical	≤ -65 dB (optical return loss)

Ordering Information

Product Number	MOF-0448FD050M-P
Packaging method	Box
Units per delivery	1/1



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