

OptiSheath® MultiPort Flex Splitter 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 pit which reduces need for remediation

Corning® ClearCurve® bend-insensitive fibre
Ideal for tight bend deployments (5mm minimum bend radius)

Available with 1x2, 1x4, or 1x8 splitter
Reduces distribution cable fibre count

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

The OptiSheath® MultiPort flex splitter terminal is designed for use in outside plant fibre access networks, where a splitter 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.

The MultiPort flex splitter terminal is built with Corning ClearCurve® optical fibre — the revolutionary bend-insensitive optical fibre and cable that ensures virtually no attenuation loss, even in tight bends with a bend radius of 5 mm.

This OptiSheath MultiPort 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 three configurations: 1x2, 1x4, and 1x8 splitter terminals. This allows for lower initial deployment costs by connecting multiple drops to one fibre.

Standards

Design And Test Criteria Tested to Telcordia GR-771-CORE and applicable sections of GR-1209-CORE and GR-1221-CORE



OptiSheath MultiPort Flex Splitter Terminals
| Photo CRR3593



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OptiSheath MultiPort Flex Splitter Terminals
| Photo CRR3592

Specifications

Mechanical Characteristics		
	Total Length (Tip-to-Tip)	Weight
1x2 Multiport Flex Splitter	514.35 mm (1.69 ft)	0.23 kg (8.0 ounces)
1x4 Multiport Flex Splitter	514.35 mm (1.69 ft)	0.27 kg (9.6 ounces)
1x8 Multiport Flex Splitter	609.6 mm (2.0 ft)	0.45 kg (16.0 ounces)

Optical Characteristics		
	Insertion Loss, Maximum	Reflectance, Maximum
1x2 Multiport Flex Splitter	4.3 dB	≥ 55 dB
1x4 Multiport Flex Splitter	8.2 dB	≥ 55 dB
1x8 Multiport Flex Splitter	11.6 dB	≥ 55 dB

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Ordering Information

M S F - □ □ 4 8 4 8 R 4 3 F - □
1 **2** **3**

1 Defines housing type.
MSF = MultiPort flex splitter

2 Select splitter type.
H2 = 1x2 split
H4 = 1x4 split
F8 = 1x8 split

3 Select packaging.
P = Individual packaging
Leave blank for bulk packaging - minimum order quantities will apply.

Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea
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