CORNING

OptiSheath® MultiPort Flex CBT Compact Terminal (Squid)

The OptiSheath® multiport flex terminal is designed for use in outside plant fibre 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 fibre access networks, including network access point terminals in fibre-to-the-home (FTTH) network deployments.

The OptiSheath multiport flex 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.

The OptiSheath multiport flex terminal accelerates FTTH community acceptance by enabling lower profile pedestals and hand holes than traditional fibre 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-fibre connector ports.

Features	Benefits
Low profile, small-form-factor multiport terminal	Reduces construction material cost by enabling smaller pedestals, vaults, and hollow poles
OptiTap® cable assembly connector ports in individual tails	Maximum flexibility when installing in congested pit which reduces need for remediation
Corning® ClearCurve® bend-insensitve fibre Ideal for tight bend deployments (5 mm minimum bend radius)	
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, IEC and Openreach specifications

Specifications

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

Ordering Information

Openreach Item Code	Openreach Description	Corning Part Number	Corning Description
94406	CBT Compact 12 Port 200m	MOF-1248FD200M-BT	MP FLEX, 12F, SST Dielectric STUB, 200M
94404	CBT Compact 8 Port 350m	MOF-0848FD350M-BT	MP FLEX, 8F, SST Dielectric STUB, 350MT
94400	CBT Compact 4 Port 200m	MOF-0448FD200M-BT	MP FLEX, 4F, SST Dielectric STUB, 200MT
94399	CBT Compact 4 Port 50m	MOF-0448FD050M-BT	MP FLEX, 4F, SST Dielectric STUB, 50MT
94405	CBT Compact 12 Port 50m	MOF-1248FD050M-BT	MP FLEX, 12F, SST DIELECTRIC STUB, 50MT
94403	CBT Compact 8 Port 200m	MOF-0848FD200M-BT	MP FLEX, 8F, SST Dielectric STUB, 200MT
94407	CBT Compact 12 Port 350m	MOF-1248FD350M-BT	MP FLEX, 12F, SST Dielectric STUB, 350MT
94402	CBT Compact 8 Port 50m	MOF-0848FD050M-BT	MP FLEX, 8F, SST Dielectric STUB, 50 MT
94401	CBT Compact 4 Port 350m	MOF-0448FD350M-BT	MP FLEX, 4F, SST Dielectric STUB, 350MT

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