

# Fibre Optic Cabling

## Connectix Fibre Optic Joint Enclosure OMNIA-144

The OMNIA-144 is an environmentally friendly IP68 sealed closure typically used for fibre optic cable distribution in FTTX Networks. This generic enclosure provides the function of splice and passive component integration in the external network.

The OMNIA-144 has a very small compact design for modern fibre optic deployments.



Specification	
Cable Entry	Oval Port Style Mechanical Seal
Loop Through	Uncut and mid span access
Cable Ports	3 Round and 1 Oval Port
Cable Sealing Type	Compressed Mechanical Seal
Closure Sealing Type	Four Sided latch Clamp
Closure Style	Single-Ended Rectangular Dome and Base
Colour	Black
Mounting	Wall Mount   MOBRA Mount   POLE Mount
Network Area Type	Core   Distribution   Drop
Splice Tray Included	6
Splice Tray Type Included	24-way Heat Shrink   Dual Load Loose Tube & Ribbon fibre
Splices per Tray	24 and 4 Ribbon Splices
Splicing Capacity	Single Fusion, maximum 144F and Ribbon 288F
Splicing Type	Supported Single fusion
PLC Splitter	24 x 8 Way   12 x 32 Way   6 x 64 Way
Adaptor Plate	6 x SC
IOT	LOC (Label On Cable) NFC asset management software platform

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### Dimensions:



Ordering Information				
Cable Size (mm)	OMNIA Port Type	Seal Type	Max Capacity	Product Code
1.5 - 3.8	Round Port	16 Way Round	16 Cables	MR-16SK
3.8 - 6.5	Round Port	8 Way Round	8 Cables	MR-8SK
6.5 - 9	Round Port	4 Way Round	4 Cables	MR-4SK
6.5 - 7.2	Round Port	6 Way Round	6 Cables	MR-6SK
9 - 15	Round Port	1 Way Round	1 Cables	MR-1SK
1.5 - 8	Oval Port	8 way Grommet	8 Cables	OM-8SK
4 - 8	Oval Port	2 way Grommet	2 Cables	OM-4SK
4 - 8	Oval Port	10 way Grommet	10 Cables	OM-4+2SK
8 - 12.5	Oval Port	2 way Grommet	2 Cables	OM-12SK
15 - 20	Oval Port	1 way Grommet	2 Cables	OM-20SK