

## RDJ Module (1:8 PLC)

### Product Overview

The RDJ family of modules provide a compact platform for housing passive network elements such as PLC Splitters, WDM modules, Pre-terminated cable assemblies and splices for Stingray multi fiber ABF.

The compact modules are used within Hexatronic backboards for street cabinets and are available in multiple configurations and port capacities.

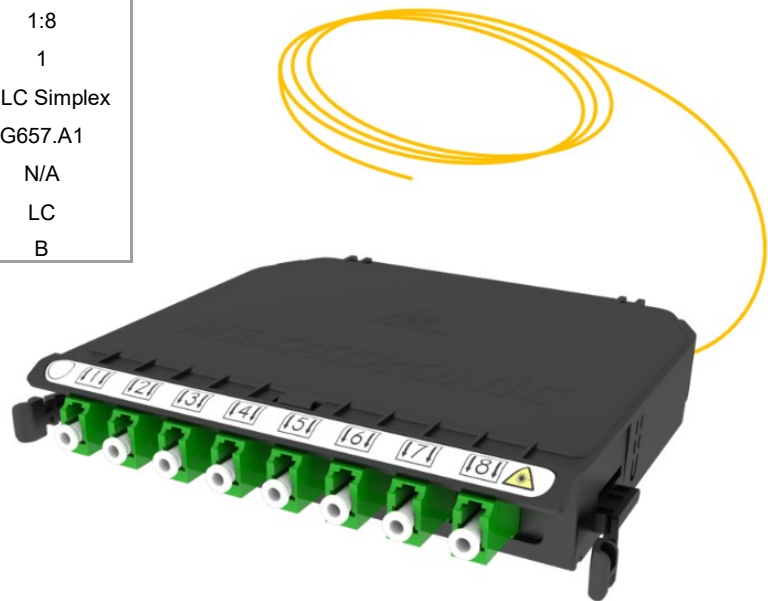
This solution offers a remotely housed splitter module with patch capability for connection to customer drop cables, avoiding the need for PLC splitters to take up space within the splice tray system.

The part number CFNB-CN-RDJ-108-PLC is Cityfibre specific relating to an RDJ module with 1x factory installed 1:8 PLC splitter, using LC/APC output connectors. The input leg of the PLC splitter is unterminated and is typically routed to an adjacent splice tray and spliced onto network fiber.

Additional modules can be purchased separately to increase backboard port capacity on demand.

#### Technical Data

Insertion Loss @ 1310nm	<=0.1dB
Insertion Loss @ 1550nm	<=0.1dB
Return Loss @1310nm	>=65dB
Return Loss @1550nm	>=65dB
Split Ratio	1:8
No of Splitters Installed in Module	1
Module Port Configuration	8x LC Simplex
Fiber Type	G657.A1
Input Connector	N/A
Output Connector	LC
Connector Grade (ITU-T)	B



### Ordering Information

Part number	Description
CFNB-CN-RDJ108-PLC	Cabinet Node Spares, RDJ Module, 1x 1:8 Splitter, 8x LC/APC Ports