



Single Line Splitter and Bridging Modules for the 3M™ Integrated Splitter Block BRCP

The 3M™ Integrated Splitter Block BRCP is the latest generation of main distribution frame (MDF) terminal blocks developed by 3M specifically for xDSL deployment.

The BRCP splitter block supports the deployment of many types of equipment such as DSLAMs / MSAPs / MSANs / BBDLCs and their interconnection to the MDF at the central office and to the cross-connect field in a remote location, whether legacy xDSL, Line Sharing or Line Splitting/Full Unbundling environments.

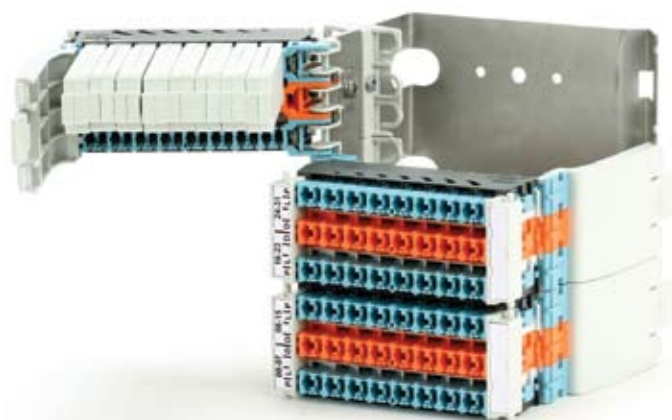
3M offers a full range of solutions for xDSL filtering that comply with major international standards or service provider specifications.

Superior transmission characteristics

3M BRCP splitter modules are designed to maximize the separation of voice and xDSL streams over copper transmission lines. They integrate high quality low pass filters which help prevent high frequency energy from reaching the POTS device. The filters can also include DC blocking capacitors to attenuate wideband impulse noise generated by the POTS device due to interruption of line current .

Increasing Quality of Service Requirements

Individual POTS splitters are located at the rear side of the BRCP splitter block to provide for their physical protection and prevent accidental disconnection of the subscribers.



3M™ Integrated Splitter Block BRCP

Flexible Operation to Improve OPEX and Service

Using field-manageable single line splitter modules, the BRCP splitter block provides individual customer-centric service line management at the central office MDF or the remote cross-connect field.

The single splitters of the BRCP splitter block can help reduce the number of jumpers for co-location, service providers and service migration operations.

Faulty splitters of the BRCP splitter block can be replaced individually without POTS service interruption rather than replacing the full splitter board in the event of a single faulty port.



Features

High density field-manageable single line / individual splitter and bridging modules

Modules are located at the rear of the BRCP block

Lifeline service

Splitter and bridging modules are keyed

Benefits

Provide flexibility (migration between different services or service providers) and reduction in wiring operations while preserving the original density of the BRCP splitter block.

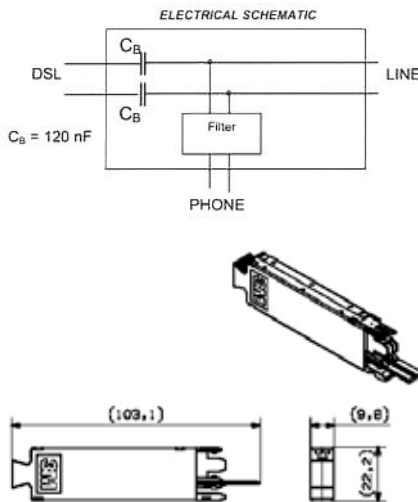
Bridging modules adapted to splitterless applications (g.SHDSL, line splitting / full unbundling, VoIP, etc).

Provides physical protection of modules and prevents accidental disconnection of the subscribers. Supports QoS requirements.

Do not impede termination of jumpers.

Voice circuit is maintained and data service is disconnected upon removal of the modules without any port reconfiguration or rewiring operation.

Allows for mounting into the appropriate pair positions and perfect connection.



Specifications

Splitter module :

Single line / port

Low pass filters for ADSL2+ over POTS, ADSL over ISDN with or without DC blocking capacitors for connection to the DSLAM

Maintenance test signature upon request

Metering pulse feature available upon request

Compliant with ETSI TS 101 952-1-1 option A and option B, ANSI T1.413, Zr600Ω applications

Compliant with EN60950 (safety) EN55022/024 (EMC)

High contact reliability with IDC connections of the BRCP block

Passive components not requiring any external power

Light grey color

Bridging module :

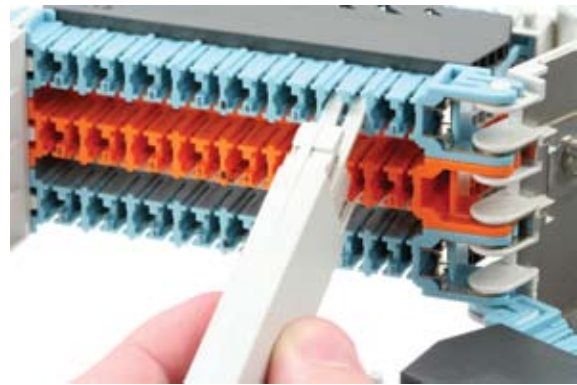
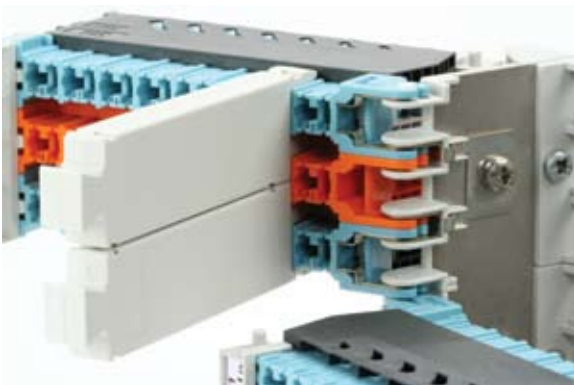
No splitter PCB incorporated

Disconnects the POTS pair position and connects both the LINE and DSLAM/equipment pair positions on the BRCP splitter block

Black color

Compliant with EU RoHS Directive (2005/95/EC)

"RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.



Ordering Information

Reference Number	Product Number	Product Description	Minimum Order Quantity
C242819A	C242819A	BRCP ADSL2+ Over Pots ETSI B Splitter Module	128
C242820A	C242820A	BRCP ADSL2+ Over Pots ITU 600Ω Splitter Module	128
C242799B	C242799B	BRCP ADSL2+ Over Pots ETSI A-Z 600 ohm Splitter Module	128
C242824B	C242824B	BRCP ADSL2+ ANSI Splitter Module W/DC Blocking Caps	128
C242822B	C242822B	BRCP ADSL2+ ANSI Splitter Module W/O DC Blocking Caps	128
C242797C	C242797C	BRCP ADSL2+ Over ISDN 2B1Q Splitter Module	128
C242738A	C242738A	BRCP Bridging Module	128



3M™ Splitter Module BRCP



3M™ Bridging Module BRCP

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