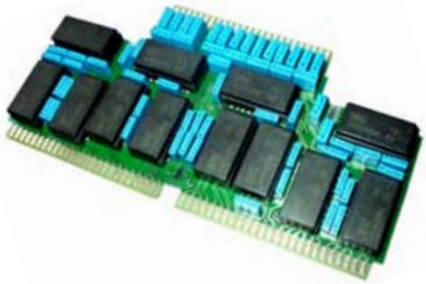
BroadWire PLUS™
VDSL2 Splitter for 12 Pairs



Description

BroadWire PLUS™ VDSL2 12-pair splitters separate high-frequency ADSL2+ or VDSL 2 signals from POTS or ISDN signals. This enables common use of a copper pair for both telephony services and high bit-rate data services. Direct installation in existing or new distribution systems reduces set-up and cabling time. The splitter's modular design allows variants to be supplied that satisfy both technical specifications or standards, as well as country-specific network characteristics. Depending on the configuration of existing distributors, overvoltage protection can be integrated directly into the splitter module or can be coordinated with, or expanded by, existing protection circuits (installation on the line side).

Features and Benefits

- Splitter module for 12 subscriber lines
- Optimised for cabinet and collocation distribution frame applications
- Flexible profile rod installation
- Compact size
- Replaceable splitter boards
- Customer-specific overvoltage protection can be integrated
- Cost-effective and rapid installation in distribution systems
- VDSL2 splitter available for ETSI and ITU standards
- Supports VDSL 2 up to 30 MHz
- Supporting ADSL and ADSL2+ Service as well
- LSA-PLUS® quick connection technology for the subscriber side, as well as for access to the system side and to the DSLAM

Installation

The splitter is installed in the local exchange at a hand-off distribution frame or in cross-connection cabinets with active telecommunication components in decentralised network topologies. The module housing snaps onto the rods of the 95mm Profile® rod system. Each housing accommodates twelve-pair splitter cards. Termination of the subscriber side, as well as connection to both the system side and the DSLAM, is carried out line-by-line using the standard LSA-PLUS® insertion tool. Preassembled cables for direct DSLAM termination available.

TECHNICAL DATA

ADC KRONE

Technical Assistance
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United Kingdom • 0800 960236 • contactuk@adckrone.com
www.adckrone.com

Product Specifications

TEMPERATURE CHARACTERISTICS

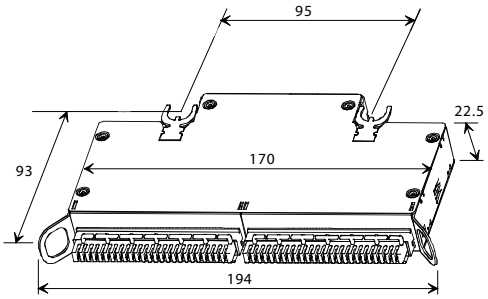
Operating temperature:	-20° to +60°C
Storage temperature:	-40° to +80°C

ENVIRONMENTAL CHARACTERISTICS

Environmental stress:	DIN IEC 68 Part 2-2/3 (Heat stress) DIN IEC 68 Part 2-1 (Cold stress)

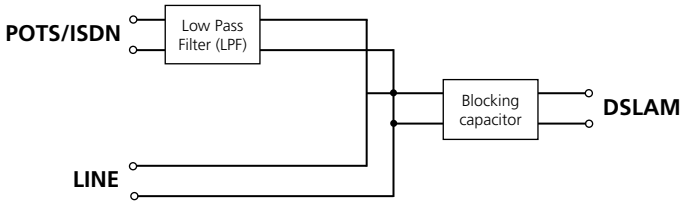
MECHANICAL CHARACTERISTICS

Mechanical load:	Sinusoidal oscillation as per IEC 68-2-6
LSA-PLUS® contacts:	Jumper conductor diameter: 0.4-0.6 mm Outer diameter: 0.7-1.1 mm with PE or PVC insulation



Dimensions, in mm

ELECTRICAL CHARACTERISTICS



Block circuit diagram

TECHNICAL DATA

Ordering Information

Description	Catalogue Number
BroadWire PLUS™ VDSL 12-pair splitter card Combination POTS/ISDN splitter (4B3T/2B1Q)	HLF-7073 2 106-00
BroadWire PLUS™ VDSL 12-pairsplitter card according to ETSI TS 101 952-1-1 option A+B	HLF-7073 2 111-00

For detailed information on filter characteristics and overvoltage protection, please contact ADC KRONE (euro.tac@adckrone.com) to obtain the corresponding technical data sheets.

Other quantities and variants with other electrical properties available upon request.

Web Site: www.adckrone.com

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