



LMS ADSL2 / VDSL2 Splitter



LMK ADSL2 / VDSL2 Splitter

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The LMS/LMK ADSL2 / VDSL2 Splitter is a low-pass filter designed to enable POTS service to coexist with ADSL2 and VDSL2 data signals up to 30 MHz.

As networks evolve and the microfilters typically used for xDSL connectivity hit their limitations, carriers need alternative, high-bandwidth CPE solutions that take them to their preferred demarcation point. AFL’s splitters support VDSL2 while remaining backward-compatible with existing ADSL technologies.

AFL splitters prevent interference between POTS and VDSL2 signals, ensuring high-quality delivery of voice and enhanced data service such as video. Their innovative design addresses specific issues that affect video quality such as ring-trip.

Features unique to the splitter include the addition of secondary surge protection and a test jack. Connection to the DSL modem and telephone equipment is straight forward and clearly labelled for both the installer and home owner. Insulation Displacement Connectors (IDCs) ensure quick and reliable connections and do not require any tools.

Features

- Industry compliant
- Compatible with AFL SNI-2900, SNI-730 and SNI-760 Network Interface Devices
- Fits Corning Cable Systems CAC® 7600 and Tyco RAYNIDS
- Insulation displacement connectors (IDCs) for easy installation
- Environmentally hardened
- Secondary lightning/surge suppression
- Available in bonded xDSL version

Specifications

PARAMETER	VALUE
Weight	100 grams (.2 lbs.)
Capacity	One subscriber loop per line unit; (1) Data output, (3) Voice outputs
Bonded Capacity	(2) Data outputs, (2) Voice outputs
Communications Interface	The splitter connects to the xDSL, POTS service, and local loop using insulation displacement connectors

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Ordering Information

MODEL NO.	AFL NO.
LMS ADSL2 / VDSL2 Splitter	DM000695
LMK ADSL2 / VDSL2 Splitter	DM000699
LMS ADSL2 / VDSL2 Bonded Splitter	DM000695B
LMK ADSL2 / VDSL2 Bonded Splitter	DM000699B

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
ANSI	T1.413, T1.424	
ITU-T	G.992.1, G.992.3, G.992.5, G.993.1, G.993.2	
UL		
Telcordia		
FCC	Part 68	
CSA	CS-03	

Temperature Specifications

TEMPERATURE RANGE	
OPERATING	-40°C to +65°C
STORAGE	-40°C to +70°C

Contact AFL for further details.