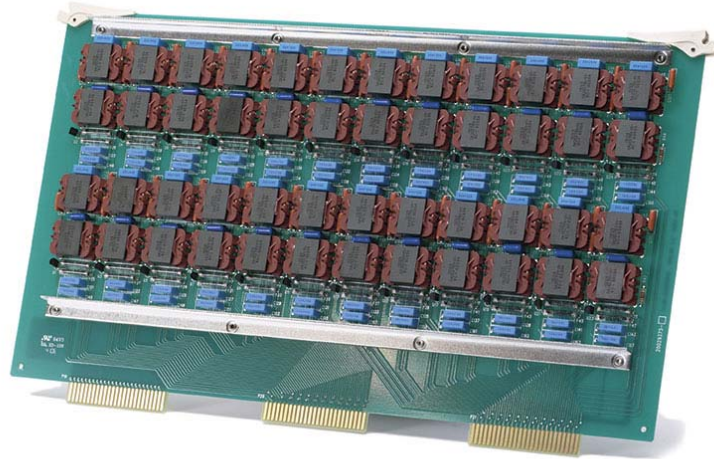


Model PS-6900

VDSL2 Fault Tolerant

24 Port Central Office Splitter Card



Features and Benefits

- ✓ **Compliant Standards**
The PS-6900 VDSL2 CO Splitter is fully compliant with the requirements of ANSI T1.413-1998 Annex E; ITU-T G.992.1, G.992.2 Annex E.2 Type 2 (North America) G992.5 (ADSL2+) & G.993.2 (VDSL2).
- ✓ **Compatible Coding Schemes**
The PS-6900 VDSL2 CO Splitter is compatible with all ADSL2+ and VDSL2 coding schemes.
- ✓ **Life-Line POTS**
The PS-6900 VDSL CO Splitter is a passive device which will maintain Life-Line POTS with no external power, or when the splitter cards are removed from the shelf.
- ✓ **Backward Compatibility**
The PS-6900 VDSL2 CO Splitter card is compatible with the Wilcom PS-4101 (1U) and PS-4103 (3U) shelves.
- ✓ **Increased Bandwidth**
Supports connections to 30 MHz for the full 4096 subcarriers and data speeds of 200 Mbps.
- ✓ **Crosstalk Performance**
The PS-6900 CO Splitter card along with the PS-4101 and PS-4103 splitter shelves deliver excellent port-to-port crosstalk isolation for maximum data rates.
- ✓ **Ring Trip Mitigation**
The fault tolerant design of the PS-6900 addresses issues with video errors during ringing and ring-trip conditions.
- ✓ **Secondary Surge Protection**
The PS-6900 VDSL2 CO Splitter card is equipped with GR-1089-CORE secondary surge protection.

Technical Specification

Item	Specification
Life-Line POTS	The PS-6900 series cards are compatible with the PS-4101 & PS-4103 Splitter shelves which support Life-Line POTS.
DC Blocking Option	Available with, or without DC blocking for connections to VDSL2 transmission unit.
Rack Mounting	The PS-6900 series cards are backward compatible with the PS-4101 & PS-4103 splitter shelves . All shelves come equipped with rack adapters for 19" or 23" rack mounting providing greater installation flexibility.
Physical Interface	Each shelf containing the PS-6900 cards comes equipped with three (3) standard 50-pin AMP-type telco connectors assigned to each POTS Splitter card for xDSL, PSTN and LOOP connections.
Impedance	900 to 600 ohms
Environmental Operating Storage	-40°C to +70°C -40°C to +70°C
Weight	3.30 lbs (1.50 Kg)
Power	The Wilcom POTS splitter design employs a passive filter design and requires no power to the shelf.
Compliance	ANSI T1.413-1998, Annex E, G.992.1 (GDMT) G.992.2 (GLITE), Annex E.2 G.992.3 (ADSL2) G.992.5 (ADSL2+) G.993.2 (VDSL2) NEBS Level 3 designed.

Ordering Information

<u>Product</u>	<u>Part Number</u>
<u>VDSL2 Splitter Card</u>	
Model PS-6900-02 DC Blocking	30690010
Model PS-6900-04 No DC Blocking	30690030
Model PS-6900-05 No DC Blocking. No surge protection	30690050
Model PS-6900-06 DC Blocking. No surge protection	30690060
<u>Shelf</u>	
Model PS-4101 1 U 19" shelf holds 1 or 2 splitter cards 48 ports total	30410110
Model PS-4103 3 U 19" shelf holds 1 to 6 splitter cards 144 ports total	30410310

Warranty

Wilcom's PS-6900 Series of VDSL2 Central Office POTS Splitter Cards are warranted against failure for a period of three years under normal usage.



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