

## Bidirectional Switches 1 RU



### Products:

<b>DEV 1018/50</b>	1:8 De-/Multiplexer; 47...1006 MHz; 50 Ohm, SMA (f)
<b>DEV 1018/75</b>	1:8 De-/Multiplexer; 47...1006 MHz; 75 Ohm, F (f)
<b>DEV 10116/50</b>	1:16 De-/Multiplexer; 47...1006 MHz; 50 Ohm, SMA (f)
<b>DEV 10116/75</b>	1:16 De-/Multiplexer; 47...1006 MHz; 75 Ohm, F (f)
<b>DEV 1218/50</b>	1:8 De-/Multiplexer; 950...2150 MHz; 50 Ohm, SMA (f)
<b>DEV 1218/75</b>	1:8 De-/Multiplexer; 950...2150 MHz; 75 Ohm, F (f)
<b>DEV 12116/50</b>	1:16 De-/Multiplexer; 950...2150 MHz; 50 Ohm, SMA (f)
<b>DEV 12116/75</b>	1:16 De-/Multiplexer; 950...2150 MHz; 75 Ohm, F (f)

### Features:

- /// Bidirectional Switches with 8 or 16 Ports and with 1 Common Port
- /// CATV-Band or L-Band
- /// Impedance 50 Ohm, SMA (f) or 75 Ohm, F (f)
- /// Products are also available without Device Panel
- /// SNMP Support
- /// DEV Web Interface
- /// Data Backup Feature
- /// Power Supply Redundancy

## Technical Data

### DEV 1018, DEV 10116, DEV 1218, DEV 12116 De-/Multiplexer

[DEV 1f1xx/zz: f: Frequency Range (0 or 2), xx: Number of Ports (8 or 16), zz: Impedance (50 or 75)]

#### Capacity

Input (Output) Ports (DEV 1f1xx/zz)	DEV 1f18/zz: 8 DEV 1f116/zz: 16
Output (Input) Ports	1

#### RF Specifications

Frequency Range (DEV 1f1yy/zz)	DEV 101xx/zz: 47...1006 MHz DEV 121xx/zz: 950...2150 MHz
Impedance, Connectors (DEV 1f1xx/zz)	DEV 1f1xx/50: 50 Ohm, SMA (f) DEV 1f1xx/75: 75 Ohm, precision F (f)
Damage Level	+15 dBm
Nominal Input Level	<+5 dBm
Return Loss selected Path	>14 dB
Return Loss not selected Path	DEV 101xx/50: >21 dB DEV 101xx/75: >18 dB DEV 121xx/zz: >14 dB
Return Loss Common Port	>14 dB
Insertion Loss	DEV 101xx/zz: 5±3 dB DEV 121xx/zz: 6±3 dB
Frequency Response	±1.5 dB
Isolation between Input Ports	>50 dB
Relay Type	Semiconductor

#### Remote Communication

Interfaces (Connectors)	<ul style="list-style-type: none"> <li>• Ethernet (RJ-45)</li> <li>• Serial Interface RS 232 (Sub-D-9 (f))</li> </ul>
Remote Control & Surveillance (Interface)	<ul style="list-style-type: none"> <li>• via Web Interface (Ethernet);</li> <li>• via SNMP (Ethernet);</li> <li>• via Sandar Prosan Protocol (Serial Interface); <b>OR</b></li> <li>• via Leitch Protocol (Ethernet/Telnet &amp; Serial Interface); <b>OR</b></li> <li>• via QEC Protocol (Ethernet/Telnet &amp; Serial Interface).</li> </ul>

#### Redundant Power Supply

Supply Voltage	100...240 V AC supplied by two different Lines
Power Consumption	<30 VA

#### General Specifications

Size	19" (483 mm) Width, 1 RU (44 mm) Height, 260 mm Depth
Weight	~5 kg
Environmental Conditions	ETS 300019 Part 1-3 Class 3.1

### Option 54 No Front Panel Control

The device is delivered without a device panel, i.e. the control and surveillance of the product is to be done via Web Interface or via a remote control protocol, e.g. SNMP.

## Order Information

### Products

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### Options

Option 54	No Front Panel Control
Option 79	Additional Web License 1 RU

## Contact

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*Technical specifications are subject to change*