

## Lightning Protection



*The final product may vary from the above image depending on the options selected.*

### Products:

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| <b>DEV 8601/p</b> | <b>p</b> Ports Lightning Protection Panel;<br>DC, 700...2300 MHz; 50 Ohm, N (f) |
| <b>DEV 8602/p</b> | <b>p</b> Ports Lightning Protection Panel;<br>DC, 700...2300 MHz; 75 Ohm, N (f) |
| <b>DEV 8603/p</b> | <b>p</b> Ports Lightning Protection Panel;<br>DC, 700...2300 MHz; 75 Ohm, F (f) |

### Features:

- /// Lightning Protection for **p**: 4, 8 or 12 L-Band Signal Feeds
- /// Compact Rack mountable Panel
- /// 50 Ohm and 75 Ohm with female N Connectors or 75 Ohm with female F Connectors for Inputs and Outputs
- /// Exchangeable Gas Capsules
- /// DC Continuity for LNB Powering
- /// High Temperature Range and Ingress Protection Rating

## Technical Data

### DEV 8601/p, DEV 8602/p, DEV 8603/p Lightning Protection Panels

#### RF Specifications

|                       |                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range       | DC, 700...2300 MHz                                                                                                                                                                               |
| Number of Ports (p)   | 4 (DEV 860x/4), 8 (DEV 860x/8), or 12 (DEV 860x/12)                                                                                                                                              |
| Impedance, Connectors | <ul style="list-style-type: none"> <li>• DEV 8601: 50 Ohm, N (f)</li> <li>• DEV 8602: 75 Ohm, N (f)</li> <li>• DEV 8603: 75 Ohm, F (f)</li> </ul>                                                |
| Return Loss           | <ul style="list-style-type: none"> <li>• DEV 8601: &gt;18 dB, typ. 20 dB</li> <li>• DEV 8602: &gt;14 dB to 2000 MHz, &gt;12 dB to 2150 MHz</li> <li>• DEV 8603: &gt;14 dB, typ. 16 dB</li> </ul> |
| Insertion Loss        | <0.3 dB                                                                                                                                                                                          |
| CW Power              | <50 W                                                                                                                                                                                            |
| DC Continuity         | <48 V and <3 A and <50 W                                                                                                                                                                         |
| Surge Life            | 500 * 100 A (10/1000 µs)<br>1 * 20 kA; 10 * 15 kA (8/20 µs)<br>20 A (1 s @ 50 Hz)                                                                                                                |

#### General Specifications

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Grounding Bolt            | Thread M6 x 25 mm                                    |
| Size                      | 19" (483 mm) Width, 2 RU (90 mm) Height, 80 mm Depth |
| Weight                    | ~5 kg                                                |
| Operating Temperature     | -40...+100 °C (-40...+212 °F)                        |
| Ingress Protection Rating | IP67 (IEC 60529)                                     |

## Order Information

#### Products

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| DEV 8601/4  | 4 Ports Lightning Protection Panel; DC, 700...2300 MHz; 50 Ohm, N (f)  |
| DEV 8601/8  | 8 Ports Lightning Protection Panel; DC, 700...2300 MHz; 50 Ohm, N (f)  |
| DEV 8601/12 | 12 Ports Lightning Protection Panel; DC, 700...2300 MHz; 50 Ohm, N (f) |
| DEV 8602/4  | 4 Ports Lightning Protection Panel; DC, 700...2300 MHz; 75 Ohm, N (f)  |
| DEV 8602/8  | 8 Ports Lightning Protection Panel; DC, 700...2300 MHz; 75 Ohm, N (f)  |
| DEV 8602/12 | 12 Ports Lightning Protection Panel; DC, 700...2300 MHz; 75 Ohm, N (f) |
| DEV 8603/4  | 4 Ports Lightning Protection Panel; DC, 700...2300 MHz; 75 Ohm, F (f)  |
| DEV 8603/8  | 8 Ports Lightning Protection Panel; DC, 700...2300 MHz; 75 Ohm, F (f)  |
| DEV 8603/12 | 12 Ports Lightning Protection Panel; DC, 700...2300 MHz; 75 Ohm, F (f) |

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Technical specifications are subject to change