

Item no.: 362310

A-SPLT-0016-V1-02 - Ultra-wideband 2-way splitter with 2x SMA (F)/1x SMA (M) connections

 from **79,04 EUR**

 Item no.: 362310
 shipping weight: 0.10 kg
 Manufacturer: Poynting


Product Description

The SPLT-16 is a 2-way splitter that has ultra-wideband operation and operates from 410 to 7200 MHz. The ultra-wideband operation enables multiple implementations and can be used for all common 4G/LTE and 5G applications as well as dual band Wi-Fi implementations. The product implements a Wilkinson power splitter design as this ensures low loss while maintaining good phase and amplitude balance. The SPLT-16 can be used as a splitter to split the power from a single antenna to two independent devices. The SPLT-16 can also be used as a combiner to combine two separate antennas into a single device, allowing for antenna diversity and improved performance. The SPLT housing is made of ABS with UV stabiliser, a highly impact-resistant plastic that is also resistant to acids and other chemicals.

Highlights- Ultra-wideband 2-way splitter from 410 to 7200 MHz- Covers 5G/4G/3G/2G frequency bands- Covers dual-band Wi-Fi for 2.4 GHz and 5 to 7.2 GHz- Easy to install and robust design- Weatherproof, dustproof and vandal-resistant housing (IP 68)- SMA (F)/SMA (M) Applications- Least-cost routers (LCRs)- Combines the coverage of two antennas in a single device- Splits the power of a single antenna between two independent devices

Electronic specifications- Frequency bands: 410 - 7200 MHz- VSWR: <1.5:1 over 95 % of the bands- Input power: 10 W- Input impedance: 50 Ohm (nominal)- Coaxial cable loss: 0.232 dB/m at 400 MHz, 0.362 dB/m at 900 MHz, 0.514 dB/m at 1800 MHz, 0.533 dB/m at 2400 MHz, 1.07 dB/m at 5800 MHz

Mechanical specifications- Product dimensions: 158 x 96 x 40 mm (without cable, connectors and adhesive foam)- Packaging dimensions: 205 x 192 x 54 mm- Radome material: PC-ABS with UV stabiliser- Radome colour: Pantone - Cool Grey (11C)- Mounting type: Surface mount

Environmental specifications, certifications and approvals- Wind survival: <160 km/h- Temperature range (operation): -40°C to +70°C- Environmental conditions: Outdoor/indoor- Degree of protection/standard against water ingress: IP 68 (NEMA 4X)- Salt spray: MIL-STD 810G/ASTM B117- Relative humidity during operation: Up to 98 %- Storage humidity: 5% to 95% non-condensing- Storage temperature: -40°C to +70°C- Enclosure flammability rating: UL 94-HB- Impact resistance: IK 10- Product safety and environment:- Complies with CE and RoHS standards

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

