

450 TWO-WAY SPLITTER UHF-SP2



The Smart Com 450 two-way splitter enables branching of Leaky Feeder cable and is a fully functional splitter for the frequencies 10 MHz - 2.7 GHz.



UHF-SP2

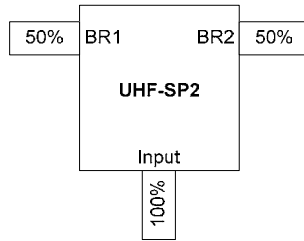
Product Specifications

| | |
|---------------------------|---|
| Part Number | UHF-SP2 |
| Physical | |
| Construction | Single Printed Circuit Board |
| Enclosure | Aluminum |
| Dimensions (L x W x H) | 83 x 66.5 x 22.4 mm (3.27 x 2.62 x 0.88 in) |
| Weight (nominal) | 0.173 kg (0.38 lbs) |
| Connectors | 3 N-Type Jacks |
| Environmental | |
| Temperature Range | -65 to +85° C (-85 to +185 °F) |
| Electrical | |
| Voltage | Voltage Passing |
| Max Current | 2.2 A |
| RF Characteristics | |
| Input Impedance | 50 ohms |
| Output Impedance | 50 ohms (on all ports) |
| Frequency Range | 10 MHz – 2.7 GHz |
| Isolation | 30 dB avg |
| RF Loss | BR1: 4 dB BR2: 4 dB |
| Approvals | |
| RoHS Compliant | Yes |
| Intrinsic Safety | No |
| CE Certification | No |

Installation

Use the following guidelines to ensure proper installation of Two-way Splitters:

- Each branch of the two-way splitter presents a signal loss equivalent to 70m (230 ft) of LF cable or ~ 4 dB.



- Reduce Leaky Feeder cable length by 70 m (230 ft) for each branch as shown below.

