

450IS TWO-WAY SPLITTER UIS-SP2

The Smart Com 450IS two-way splitter enables branching of Leaky Feeder cable and is a fully functional splitter for the frequencies 10 MHz – 2.7 GHz. This two-way splitter may also be used in Smart Com 450 systems.



UIS-SP2

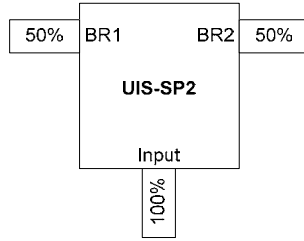
Product Specifications

Part Number	UIS-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
Conformal Coating	No
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	Pending
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.

