

450 POWER COUPLER

UHF-DPC

Varis' Smart Com 450 Power Coupler provides an interface between the Leaky Feeder network and system Power Supplies. The UHF-DPC introduces negligible loss to the Leaky Feeder network and therefore does not affect amplifier spacing.



UHF-DPC

Product Specifications

Part Number	UHF-DPC
Physical	
Construction	Single Printed Circuit Board
Enclosure	NEMA 4x (IP66), Fiberglass reinforced polyester plastic
Dimensions (L x W x H)	160 x 140 x 91 mm (6.3 x 5.5 x 3.6 in)
Weight (nominal)	0.95 kg (2.09 lbs)
Connectors	3 N-type Jack Bulkheads
Environmental	
Temperature Range	-20 to +60° C (-4 to +140 °F)
Electrical	
Spur Voltage	0-18 Vdc
RF Characteristics	
Input Impedance	50 ohms
Output Impedance	50 ohms
Frequency Range	20 – 500 MHz
Insertion Loss	Main Line: < 0.5 dB Spur Branch: > 50 dB
Approvals	
Intrinsic Safety	No
CE Certification	No

Installation

- The 450 power coupler introduces negligible line loss and therefore does not need to be considered during amplifier spacing.
- Refer to the Smart Com 450 Manual for more information.