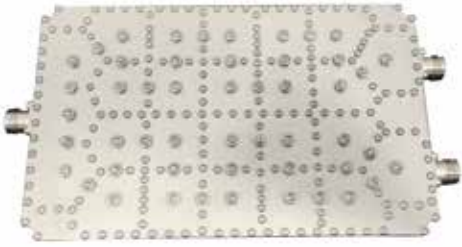


MODEL # FLTR-900/43F



900 Mhz Band Duplexer [896-902/935-941 MHz]

DESCRIPTION:

Bi-directional signal flow over one path to separate the uplink and downlink paths to DAS system or BTS

Electrical Specifications		
	Uplink	Downlink
Frequency Range (MHz)	896-902	935-941
Passband Ripple (dB)	≤ 1.5	
Return Loss (dB)	≥ 20	
Insertion Loss (dB) all bands	≤ 2	
Isolation (dB) Between ports	≥ 80	
Out of Band Rejection (db) at 4 MHz from edge	≥ 40	
VSWR	≤ 1.4:1	
Intermodulation dBc (2x43 dBm carrier)	≤ -155	
Impedance (Ω)	50	
Maximum input power (W)	100	
Peak Power (kW)	1.5	

Mechanical Specifications	
Connector	4.3/10 Female
Size in (mm)	9.19 x 5.19 x 2 (233.4 x 131.76 x 51)
Environmental	IP67
Weight - lb (kg)	4 (1.81)
Material	Aluminum
Finish	Tarnish and corrosion resistant Silver Paint
Operating temperature - °F (°C)	-30 to 75° C