

## MODEL - AWS/43F



### AWS Mhz Band - Full Band Duplexer [1710-1755/2110-2155 MHz]

#### DESCRIPTION:

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

#### OPTIONS:

Single Band duplexers are also available;

AWS/AB - A & B Band

#### Electrical Specifications

	Uplink 1710-1755	Downlink 2110-2155
Frequency Range (MHz)		
Passband Ripple (dB)		≤ 1.8
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)	8.26 X 6.97 X 1.42 (210 X 177 X 36)
Environmental	IP67
Weight - lb (kg)	4.5 (2.05)
Material	Aluminum
Finish	Tarnish and corrosion resistant Silver Paint
Operating temperature - °F (°C)	-30 to 75° C

