



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

Frequency Range (MHz)	Uplink 1710-1755	Downlink 2110-2155
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

