



94 JACKSON ROAD, SUITE 110, DEVENS, MA 01434

## Filters/Diplexers

Model RMDU.1710-2170716f

DCS/UMTS DUPLEXER, 7/16 Female

### SPECIFICATIONS

Parameter	Specification				Remark
Pass Band Frequency	Receive(Rx)		Transmit(Tx)		
	DCS	UMTS	DCS	UMTS	
	1710.0MHz ~ 1785.0MHz	1920.0MHz ~ 1980.0MHz	1805.0MHz ~ 1880.0MHz	2110.0MHz ~ 2170.0MHz	
Pass Band Insertion Loss	1.2dB Max.		1.2dB Max.		
Pass Band Flatness	0.6dB (p-p) Max.		0.6dB (p-p) Max.		
Pass Band Return Loss	14.0dB Min.		14.0dB Min.		
Rejection	Antenna to Receive		Transmit to Antenna		
	DC ~ 1640.0MHz 50.0dB Min. 1805.0 ~ 1880.0MHz 50.0dB Min. 2030.0 ~ 2170.0MHz 50.0dB Min. 2170.0 ~ 6000.0MHz 50.0dB Min. 6000.0 ~ 12,750MHz 35.0dB Min.		DC ~ 1785.0MHz 50.0dB Min. 1920.0 ~ 2040.0MHz 50.0dB Min. 2225.0 ~ 6000.0MHz 50.0dB Min. 6000.0 ~ 12,750MHz 35.0dB Min.		
Isolation (Rx/Tx)	50.0dB Min.				
Transmit Pass band Maximum Power Handling	100.0 Watts CW				
	1000.0 Watts Peak Instantaneous				
Operating Temperature	-20.0 to + 70.0 °C				
Storage Temperature	-40.0 to + 85.0 °C				
Operating Humidity	0 to 90%, relative, non-condensing				
Impedance	50.0 Ohm nominal				
Dimensions (W x D x H) (Excluding Connectors)	355.6 x 152.4 x 55.9(Max.)				Unit : mm
Connector(Ant / Rx / Tx)	7/16(F)				
ROHS compliant	Yes				

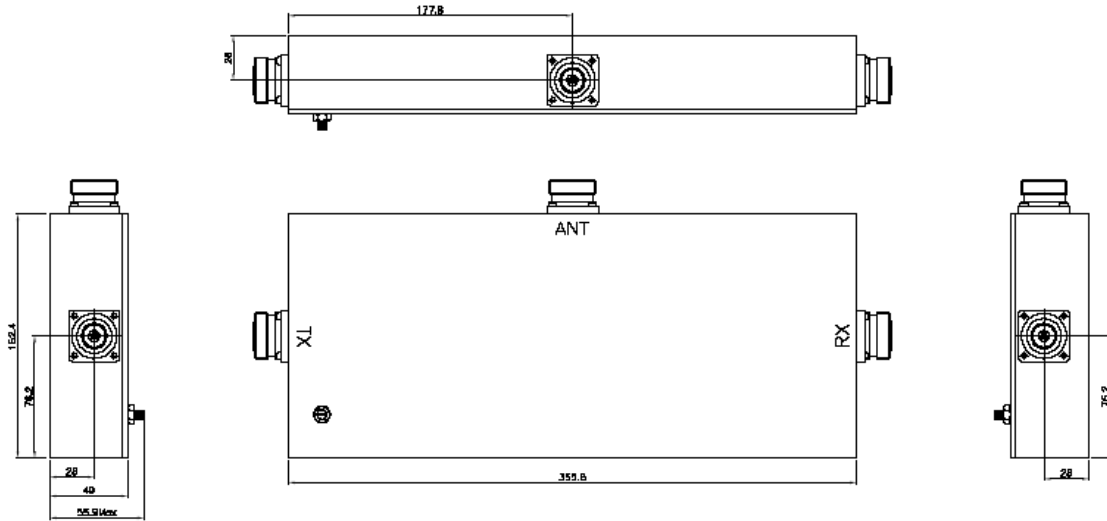
Telephone: 978-772-3767

Fax: 978-772-3768

[www.responsemicrowave.com](http://www.responsemicrowave.com)



94 JACKSON ROAD, SUITE 110, DEVENS, MA 01434



Telephone: 978-772-3767

Fax: 978-772-3768

[www.responsemicrowave.com](http://www.responsemicrowave.com)