



RF-LAMBDA

The power beyond expectations

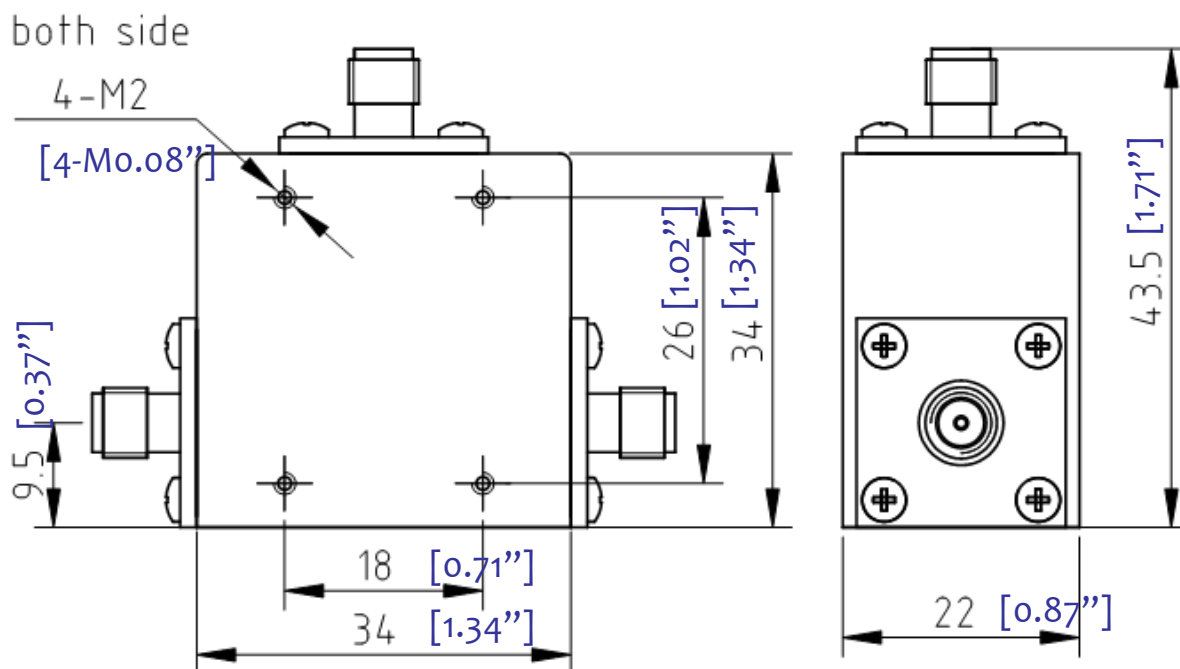
RFC216W500M7M9

0.7-0.9GHz 500W High Power Circulator

Electrical Specifications:

Center Frequency Range:	0.7-0.9GHz
Bandwidth:	200MHz
Insertion Loss:	0.35dB
Isolation:	25dB
VSWR:	1.25
Temp. Operation:	-20~+75°C
Temp. Storage:	-40~+85°C
Forward Power:	500W (CW)
Reverse Power:	500W (CW)
Peak Power:	1200W

* Customization available upon request.



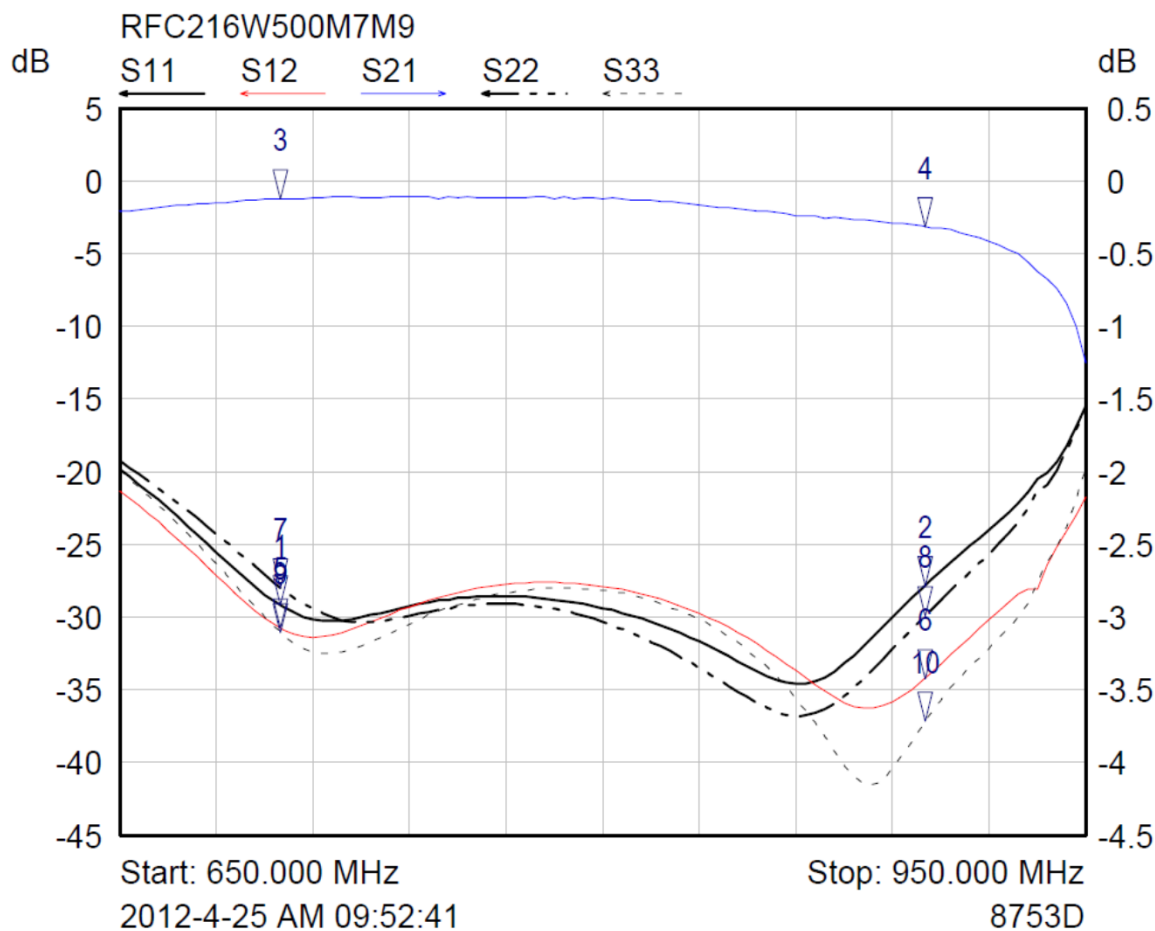
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RFC216W500G125



Mkr	Trace	X-Axis	Value
1 ▽	S11	700.000 MHz	-29.22 dB
2 ▽	S11	900.000 MHz	-27.86 dB
3 ▽	S21	700.000 MHz	-0.13 dB
4 ▽	S21	900.000 MHz	-0.31 dB
5 ▽	S12	700.000 MHz	-30.78 dB
6 ▽	S12	900.000 MHz	-34.21 dB
7 ▽	S22	700.000 MHz	-27.97 dB
8 ▽	S22	900.000 MHz	-29.93 dB
9 ▽	S33	700.000 MHz	-31.02 dB
10 ▽	S33	900.000 MHz	-37.19 dB

2.0	Environment specifications	
2.1	Opt. Temp.	-20°C~+70°C
2.2	Storage Temp.	-40°C~+85°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

1.0	Mechanical Specifications	
1.1	Coaxial Connector	N-Female
1.2	External Body Finish	Nickle Plated
1.3	Rotation	Clockwise / Counter-clockwise

1.0-1.5GHz 500W High Power Circulator