

Features

- Design : Wilkinson
- Stainless Steel Connectors
- Low Insertion Loss 3.5dB
- RoHS and REACH Compliant
- High Isolation 18dB

Electrical Specifications

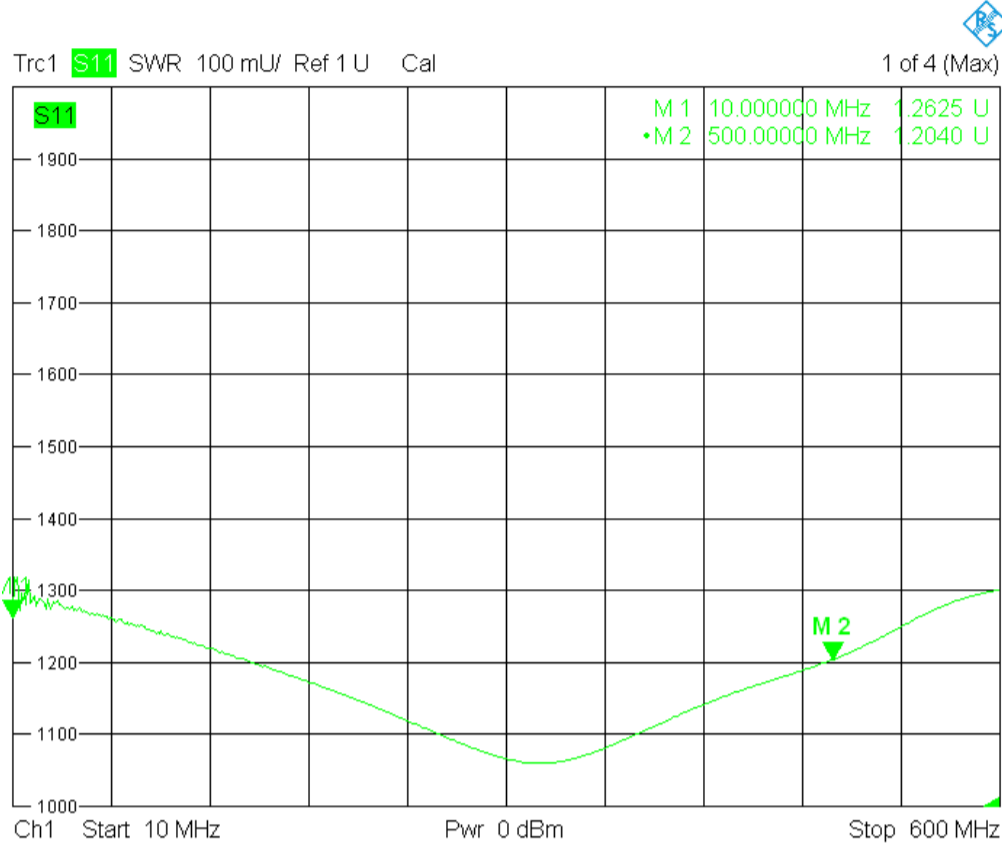
Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	0.01		0.5
Nominal Splitter Loss	dB		10.8	
Insertion Loss	dB		2.5	3.5
Input VSWR			1.3	1.5
Output VSWR			1.3	1.5
Amplitude Balance	dB		0.5	0.8
Phase Balance	deg		8	10
Isolation	dB	18	22	
Forward Power	W			10
Reverse Power	W			0.5
Peak Power	KW			0.4
Impedance	Ohms		50	
Operating Temp.	°C	-45		+85

Special Requirements

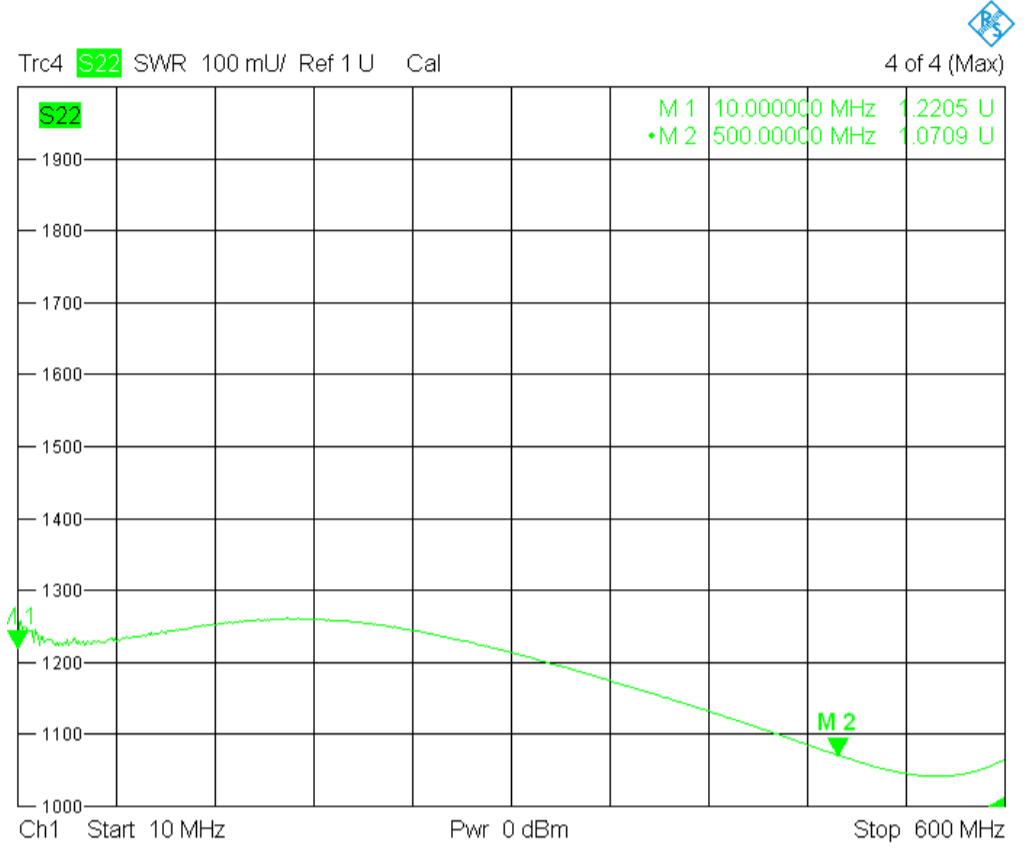
Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- All output ports /power combiner in-amplitude (0dB difference) ;
- All output ports /power combiner in-phase (0° difference) ;

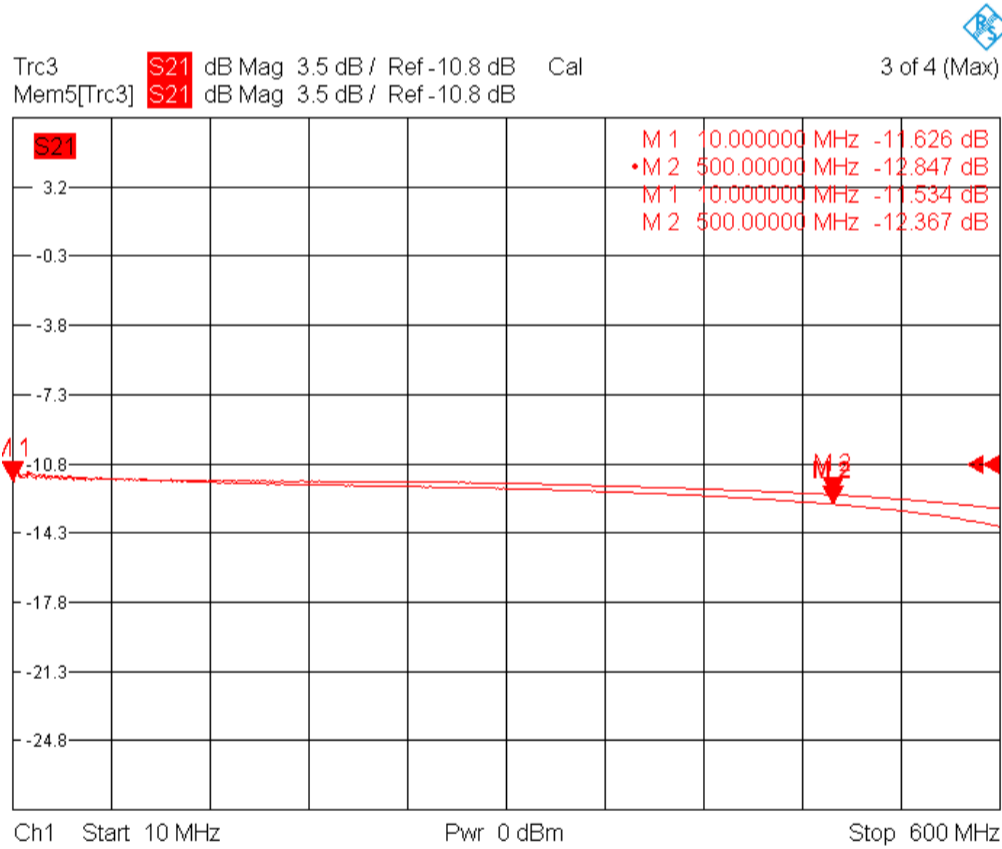
Input Port VSWR



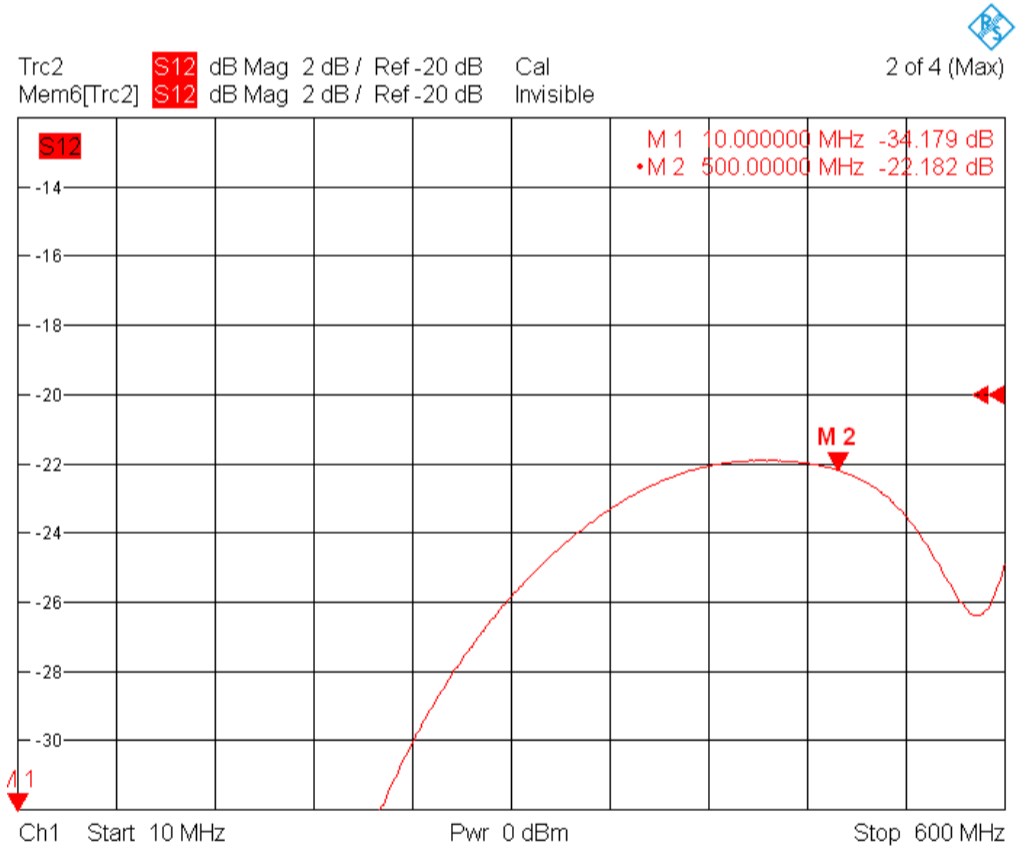
Output Port VSWR



Output Port Insertion Loss



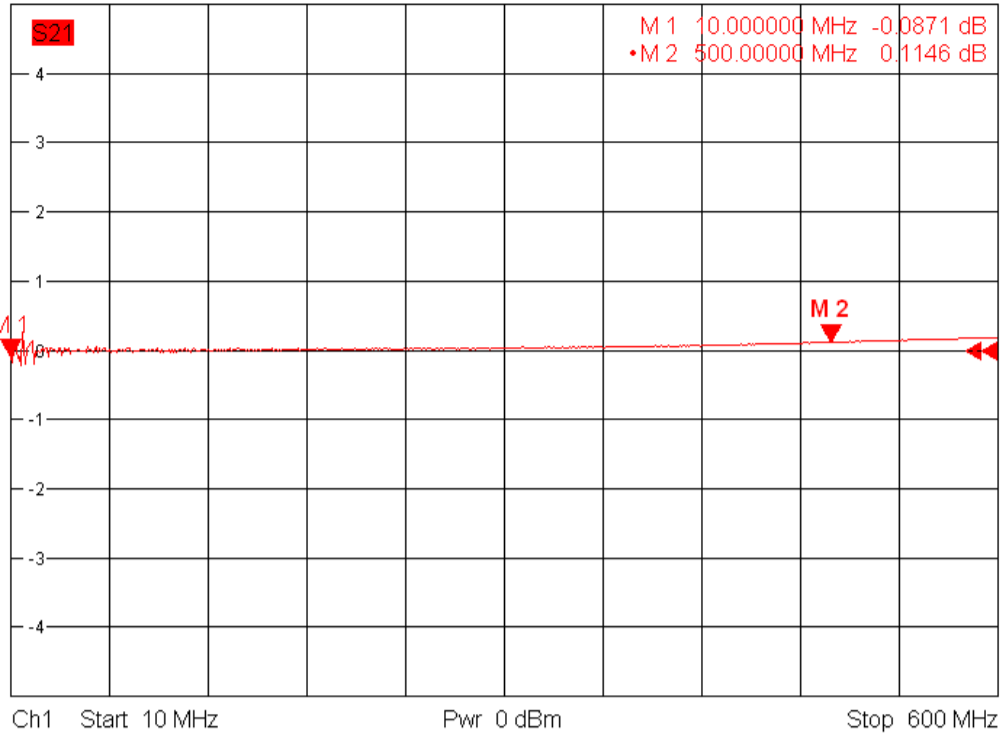
Output Port Isolation



Amplitude Balance

Phase Balance

Trc3 Mem5[Trc3] S21 dB Mag 1 dB / Ref 0 dB Cal Math Invisible 3 of 4 (Max)



Trc2 Mem6[Trc2] S12 Phase 4° / Ref 0° Cal Math Invisible 2 of 4 (Max)

