



TECHNICAL BULLETIN

8 Ways 1 - 18 GHz Power Splitter

E14332-01-05**Draft**

Features

- Ultra-Wideband Power Splitter/Combiner
- Very low amplitude and phase mismatching
- Very low Insertion loss
- Small dimensions

Typical Applications

- Telecom Infrastructure
- Test Equipment
- Military & SatCom

Performances

Parameter	Units	Min	Typ	Max	Remarks
Frequency range	GHz	1		18	Full performances (operating to 0.5 - 18 GHz)
Number of channels			8		
Operation Mode					CW/Pulse
Input Level, common port	W			2	
Insertion loss	dB			15	
Insertion loss matching, overall channels	dB		±0.25		
Return loss, common port	dB	9			J1
Return loss, splitter ports	dB	9.5			J2, J3, ... , J9
Phase matching, overall channels	Deg			±10	
Phase matching, adjacent channels	Deg			±4	Adjacent channels: J2-J3, J4-J5, J6-J7, J8-J9
Isolation 1 - 2 GHz	dB	10	20		
Isolation 2 - 18 GHz	dB	20	25		
Operating Temp. range	°C	-40		+85	
Storage Temp. range	°C	-55		+85	
RF connectors					Sma F
Weight	g			250	
Dimensions					See outline

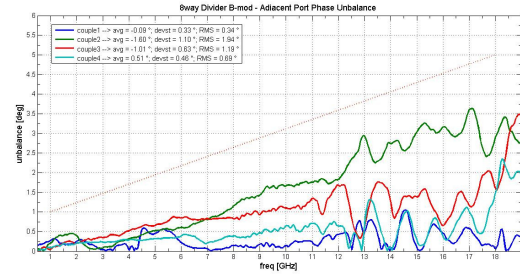
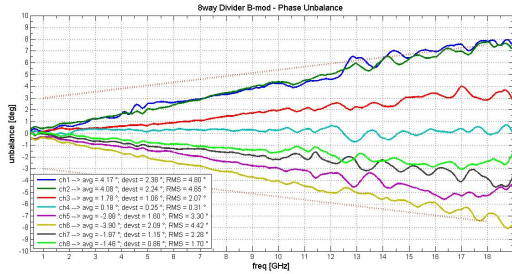
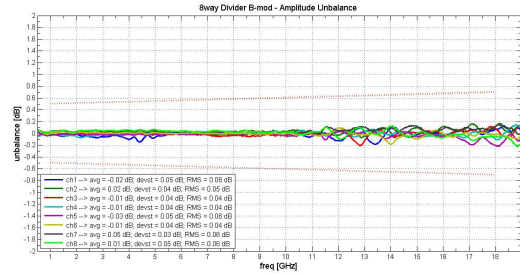
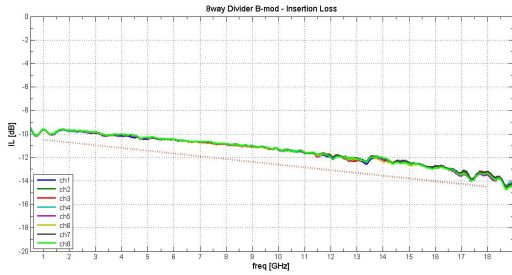
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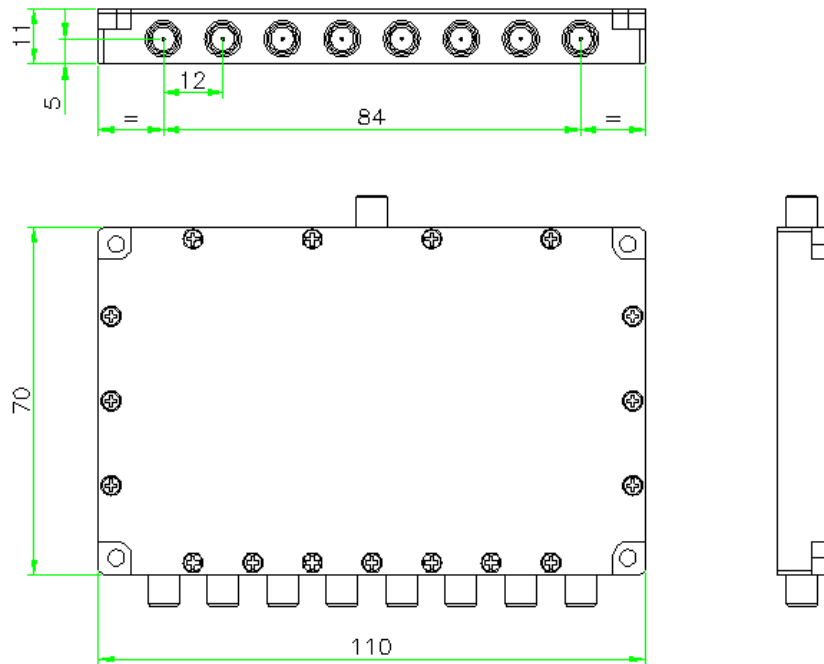
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Typical performances at 25°C



Outline Drawing



Dimensions in mm

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