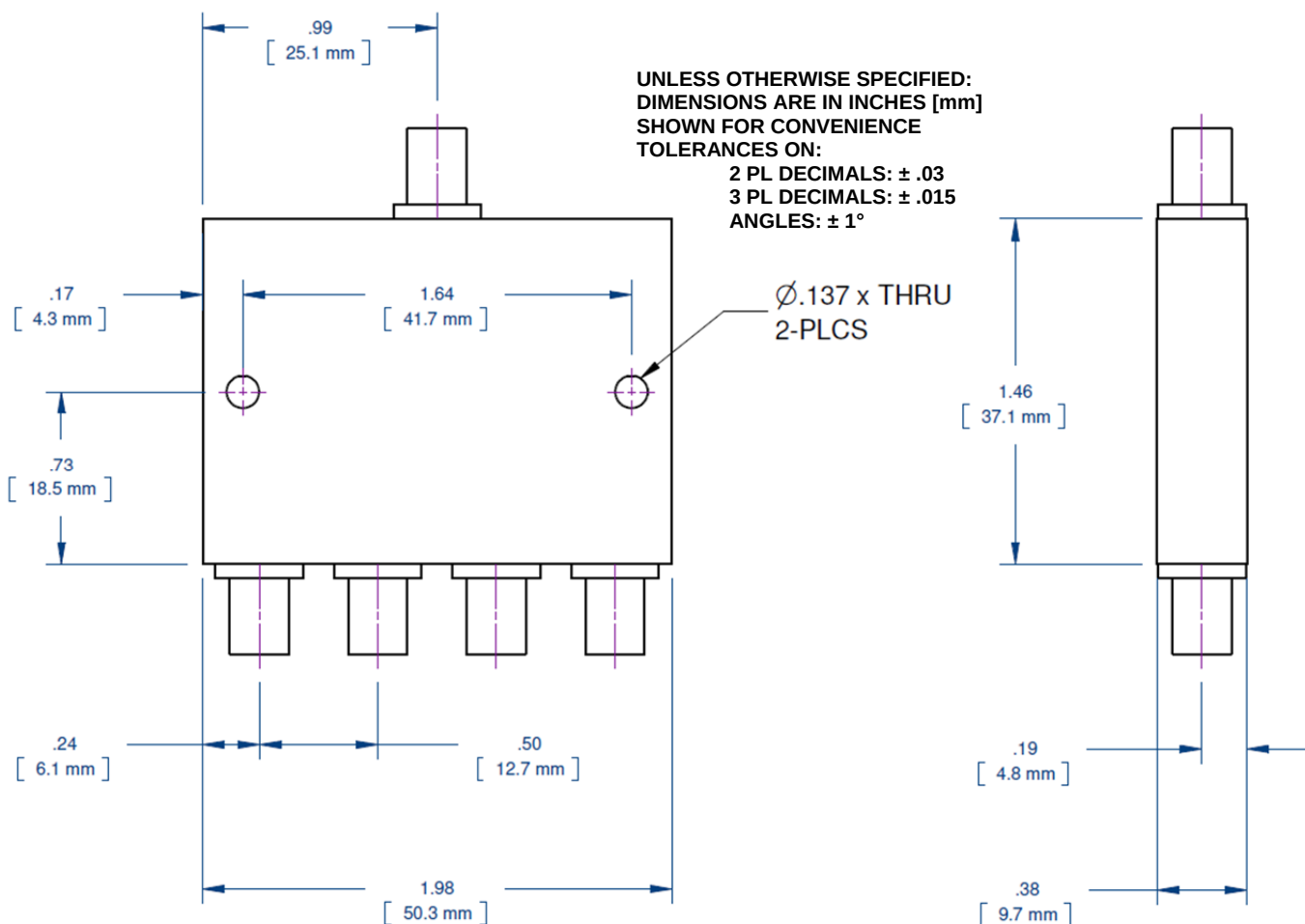


4-Way Power Divider, 4-18 GHz SMA Female Connectors, 30 Watts Input Power

Features:

- * Stripline design with low-loss dielectric.
- * Stainless steel body connectors.
- * Field-replaceable, pin-and-socket connections to PCB relieves mechanical stress.
- * Tuning screws at each port for precise phase matching and VSWR optimization during production.
- * Case screws sealed from underside with engine enamel.
- * Passivated aluminum enclosure.



Order Examples: R4PD-4-18-Sf-30W-w18

Description: (4-Way Power Divider, 4-18GHz, SMA Female Connectors, 30 Watts Input Power)

4-Way Power Divider, 4-18 GHz SMA Female Connectors, 30 Watts Input Power

Electrical Specifications	Min	Typ	Max	Unit	Notes
Frequency Range	4		18	GHz	
Impedance		50		Ohms	
Insertion Loss		0.8	1.1	dB	In addition to loss due to splitting.
Amplitude Unbalance		0.25	0.6	dB	
Phase Unbalance		3	6	deg	
Isolation	18	22		dB	
Common Port VSWR		1.5:1	1.7:1	ratio	
Split Ports VSWR		1.3:1	1.5:1	ratio	
Input Power			30	W	Coherent splitting into load VSWR 1.20:1 max.

Mechanical Specifications	Min	Typ	Max	Unit	Notes
Operating Temperature	-55		+85	°C	Tested at +25 °C.
Storage Temperature	-55		+125	°C	
Relative Humidity			85	%	Non-condensing.
Operating Environment	Indoor use only.				
Enclosure Material	Aluminum Alloy 6061.Passivated				
Enclosure Finish	RoHS Complaint Clear Chem. Film per MIL-DTL-5541 Class 3				
Connectors Material	Body: Stainless Steel, Passivated. Insulator: PTFE. Contact: BeCu, Gold-Plated.				
Solder Alloy	Sn 96.5, Ag 3.0, Cu 0.5				

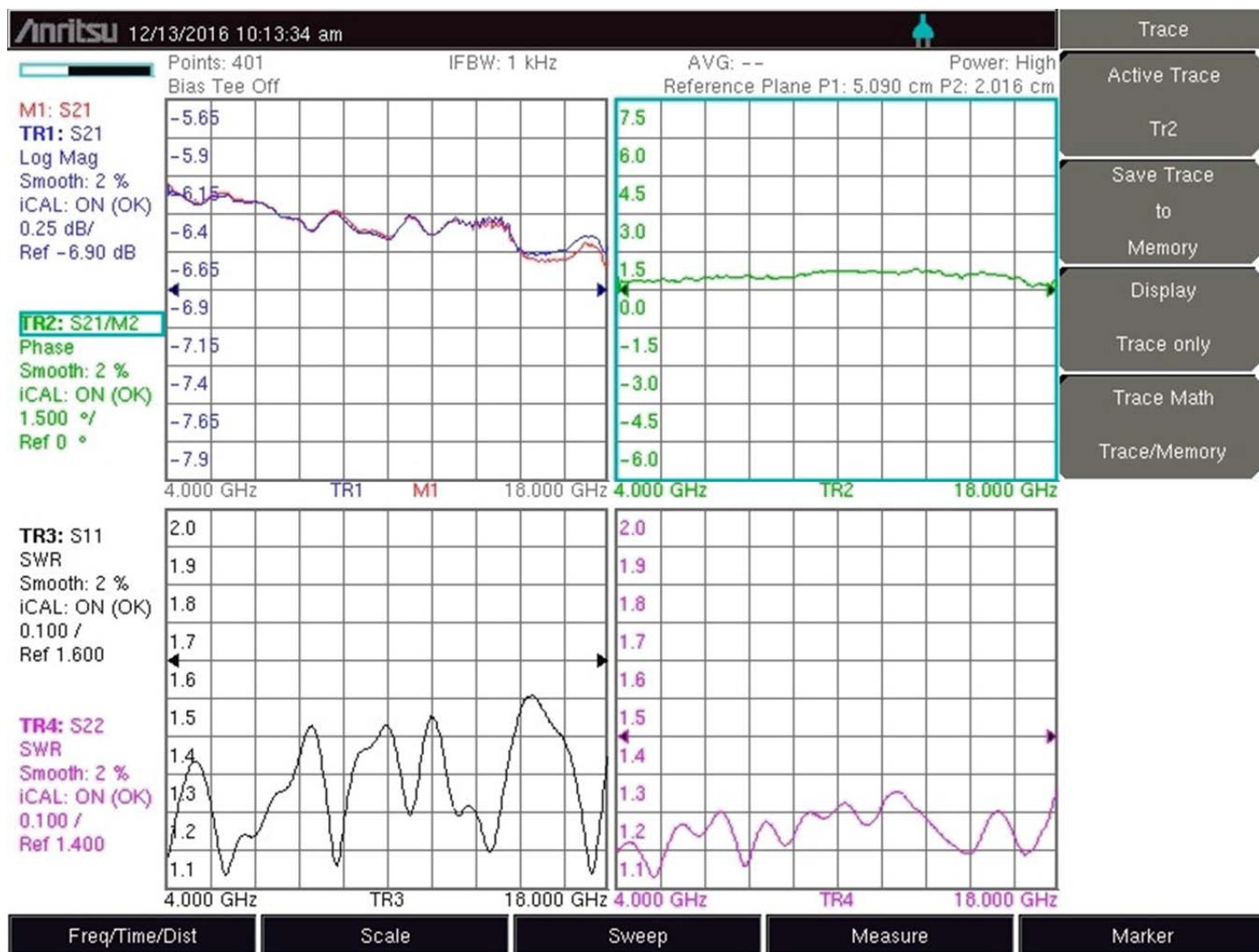
4-Way Power Divider, 4-18 GHz SMA Female Connectors, 30 Watts Input Power

==TYPICAL TEST DATA PERFORMANCE==

Actual unit to unit performance may vary.

Insertion Loss / Amplitude Balance

Phase Balance



4-Way Power Divider, 4-18 GHz SMA Female Connectors, 30 Watts Input Power

