

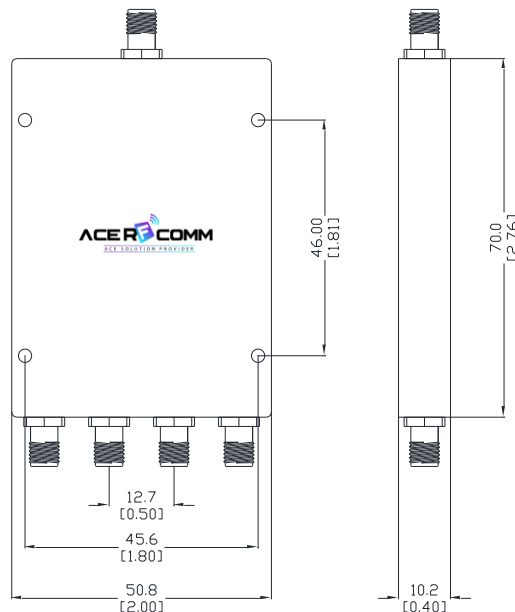
Power Divider, 1~8GHz, SMA 4Way 10Watt

P.N. : P-0108.S410.1

Photo/3D Image



Dimension



Electrical & Environmental specification

Frequency Range		1 ~ 8GHz
Impedance		50 Ohm
Insertion Loss		1.9dB Max
VSWR	Input	1.55 : 1 Max
	Output	1.45 : 1 Max
Amplitude Balance		± 0.5dB
Phase Balance		5 Degree Max
Isolation		17dB Min
Power		10Watt @ 25°C
Connectors		SMA Female connector
Surface Finish		Blue or Black painting
Temperature		-32°C ~ 85 °C

Material specification

Connector Body	Nickel Plating Brass
Connector Center Contacts (Female)	Gold Plating BeCu
Housing	Aluminum
Other Screw	Stainless Steel

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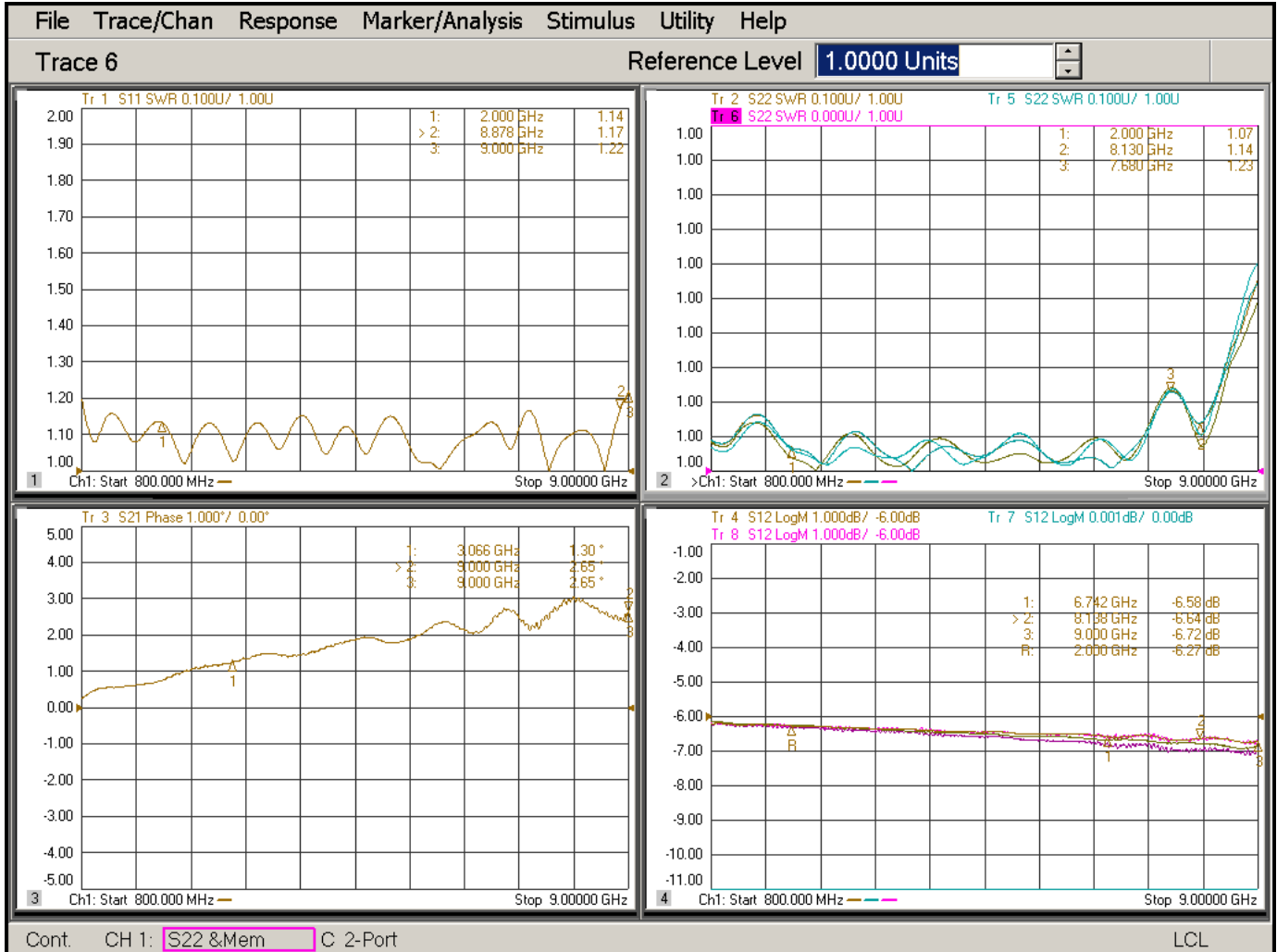
Typical Performance Data chart

Frequency (MHz)	Total Loss (dB)				Isolation (dB)			VSWR				
	S-1	S-2	S-3	S-4	1-2	2-3	3-4	S	1	2	3	4
1000	6.15	6.15	6.16	6.17	21.0	27.2	21.0	1.13	1.10	1.09	1.09	1.10
2000	6.30	6.32	6.31	6.32	25.0	29.2	24.8	1.13	1.06	1.05	1.06	1.06
2680	6.41	6.46	6.42	6.45	27.8	59.1	27.3	1.20	1.10	1.12	1.10	1.12
3000	6.47	6.55	6.49	6.54	41.0	33.9	42.5	1.02	1.08	1.10	1.09	1.09
3480	6.51	6.59	6.49	6.60	29.4	30.2	28.8	1.15	1.06	1.08	1.05	1.08
4200	5.00	6.54	6.51	6.56	26.5	42.3	26.8	1.18	1.13	1.17	1.11	1.17
5000	6.45	6.62	6.54	6.58	35.3	32.8	38.6	1.01	1.08	1.15	1.08	1.10
5760	6.35	7.09	6.47	6.64	33.9	36.0	34.1	1.03	1.11	1.35	1.10	1.13
7000	6.60	6.99	6.71	6.86	32.9	32.1	33.7	1.09	1.12	1.25	1.09	1.14
8000	6.67	6.93	6.97	7.04	24.8	28.4	23.9	1.09	1.05	1.15	1.06	1.18

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Test data



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Test data

