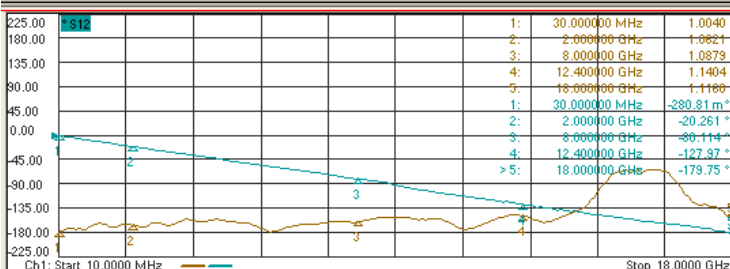
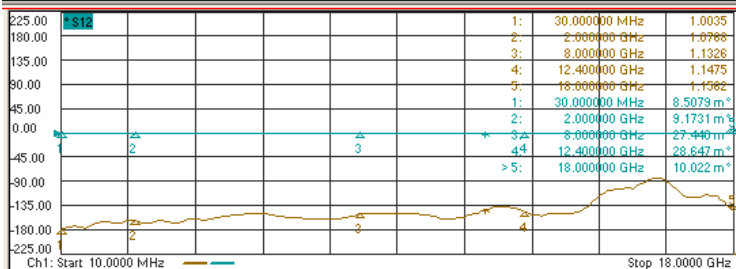
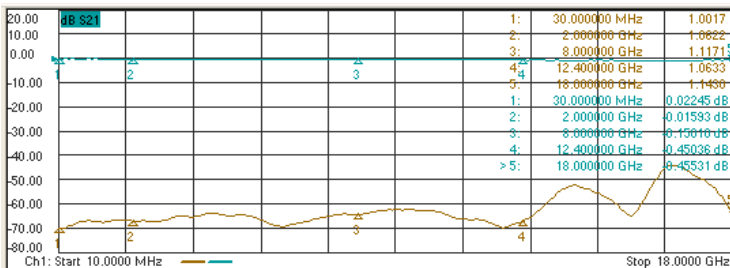
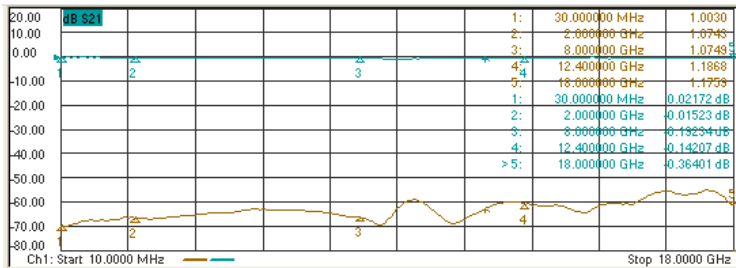
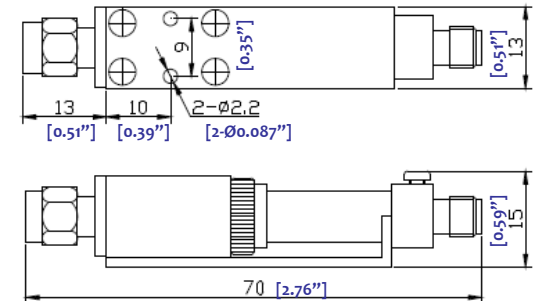


WIDE BAND HIGH POWER PHASE SHIFTER TUNER - RFPST0018W7



1.0 Mechanical Specifications		
1.1	Coaxial Connector	SMA-Male to Female
1.2	Size	RFPST0018W7 : $\Phi 0.35"$ x 1.67" ($\Phi 9$ x 42.5mm~52.5mm)
1.3	Weight	20g (RFPST0008W7)
1.4	External Body Finish	Body painted with blue/black epoxy enamel

2.0 Environment specifications	
2.1	Operation Temp. -10°C~+50°C
2.2	Storage Temp. -40°C~+70°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° c
2.6	Shock 20G for 11msc



3.0 Electrical Specifications						
Part Number	Frequency (GHz)	Insertion Loss (dB)	Phase Adjustment	Max VSWR	Power (W) CW	Peak Power (KW)
RFPST0018W7	DC-18	0.50dB @ 12GHz 0.75dB @ 18GHz	360°with 20°/GHz***	1.3 : 1 @ 4GHz 1.5 : 1 @ 18GHz	50	5
***Phase Adjustment Range specification ONLY refer to the highest frequency point. Total Phase Adjustment Range is proportion of Frequency range. HALF the frequency range, HALF of the phase adjustment range. (For example 8GHz range 360°, then 4GHz will be 180° total range)						

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	RF-LAMBDA RFPFC
RFPST0018W7 HIGH POWER PHASE SHIFTER	CAD MODEL REVISION 10
	ASSEMBLY REVISION VS52
	ASSEMBLY NAME RFLVR07
	DRAWING NUMBER D05-A
www.rflambda.com	SIZE LT SHEETS 1 OF 1