


WIDE BAND DC-8GHz HIGH POWER PHASE SHIFTER TUNER RFPST0008W6

1.0	Mechanical Specifications	
1.1	Coaxial Connector	N (Female or Male) / SMA
1.2	Size	RFPST0008W6 : 5.12" x 1.02" x 1.10" (130 x 26 x 28mm)
1.3	Weight	400g (RFPST0008W6)
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 deg 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)
RFPST0008W6	DC-8	0.30dB @ 2GHz 0.40dB @ 4GHz 0.50dB @ 6GHz 0.75dB @ 8GHz	240°with 30°/GHz ***	1.3 : 1 @ 4GHz 1.4 : 1 @ 6GHz 1.5 : 1 @ 8GHz	100	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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 RFPST0008W6 HIGH POWER PHASE SHIFTER	
www.rflambda.com RF-LAMBDA	SIZE LT SHEETS 1 OF 1