

X-Band Power Limiter

PL2731WG

Electrical Specification

Parameter	Test Condition	Value
Frequency Range	** to ** GHz	**0 ≤ F ≤ ** GHz
Insertion Loss	**0 ≤ F ≤ ** GHz, PIN ≤ -10 dBm	0.7 dB Max.
VSWR	**0 ≤ F ≤ ** GHz, PIN ≤ -10 dBm	1.4 : 1 Max.
Peak Incident Power	RF Pulse Width 7 μsec, Duty cycle 2 %	63.98 dBm (2.5Kw)
Flat Leakage Power	PIN 63.98dBm Peak, RF Pulse Width 7 μsec, Duty cycle 2 %	13 dBm (20 mW)
Spike Leakage Power	PIN = 63.98 dBm Peak, RF Pulse Width 7 μsec, Duty Cycle 2 %	30 dBm (1000 mW)
Operating temperature range	-35 ~ +60°C	-35 ~ +60°C

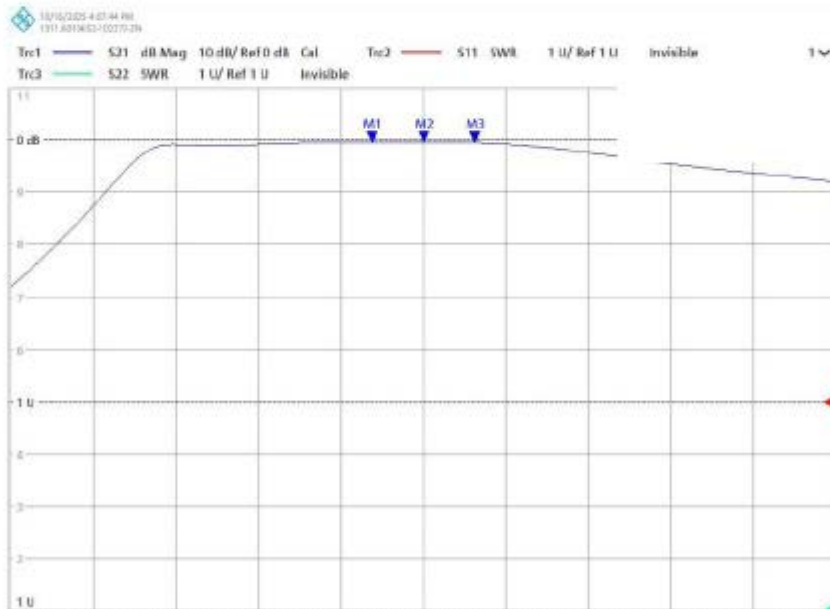


Unit	mm
Waveguide Size	WR90
Flange Type	UBR

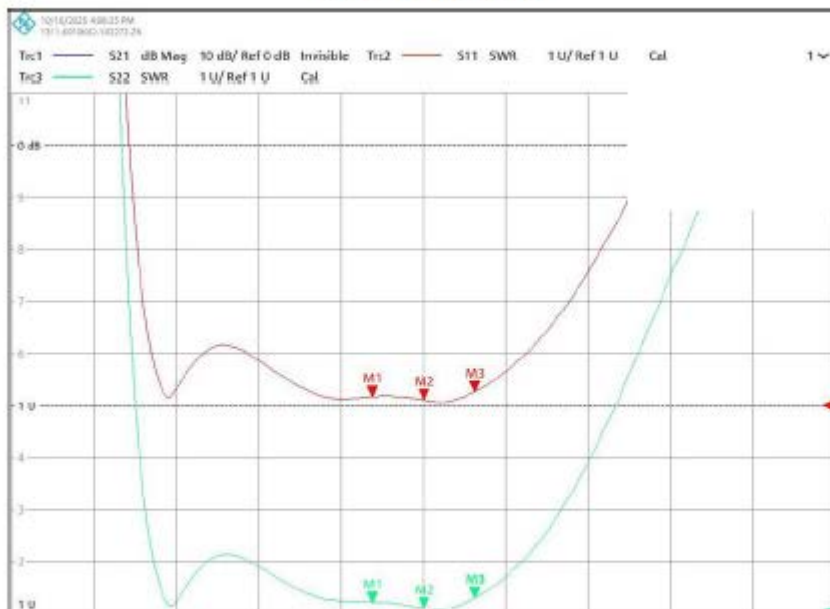
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PL9095WG

- Typical Performance Data



Insertion Loss



VSWR

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- Typical Performance Data
(PIN 63.98 dBm , Pulse Width 7 μ sec, Duty 2 % , 1min)



POUT (Spike Leakage Power, Flat Leakage Power)



POUT (Recovery Time)