

Specifications

- ***Working Frequency Range 3,0 – 3,5 GHz***
- ***Insertion Loss max. 1 dB***
- ***Leakage power 13 dBm***
- ***VSWR in/out max. 1,45/1,45***
- ***Peak input pulse power 60 dBm at pulse width 10 μs and duty cycle 13***



The microwave power limiter EL21Z400014 is intended to limit the receiver input power to a level which is safe for the input stages.

The power limiter is made as a complete functional unit in a sealed enclosure. N Jack and SMA Jack connectors are used as input and output connectors accordingly.

Main technical characteristics

Parameter, unit	Value		
	min.	nominal	max.
Working frequency range, GHz	3,0	-	3,5
Peak pulse input power at pulse width 10 μs and duty cycle 13 dBm	-	-	60
Insertion loss, dB	-	0,9	1,0
Leakage power, dBm	-	12,5	13
Input power at 1dB compression, dBm	10	10,5	-
Recovery time at 1dB compression point, μs	-	0,8	1,5
VSWR in/out, units	-	1,4	1,5
MTBF, h	10000	-	-
Operating Temperature Range, °C	-30	--	+70

Outline drawing

