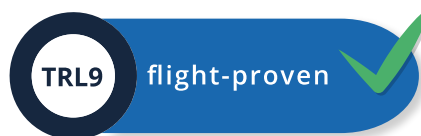


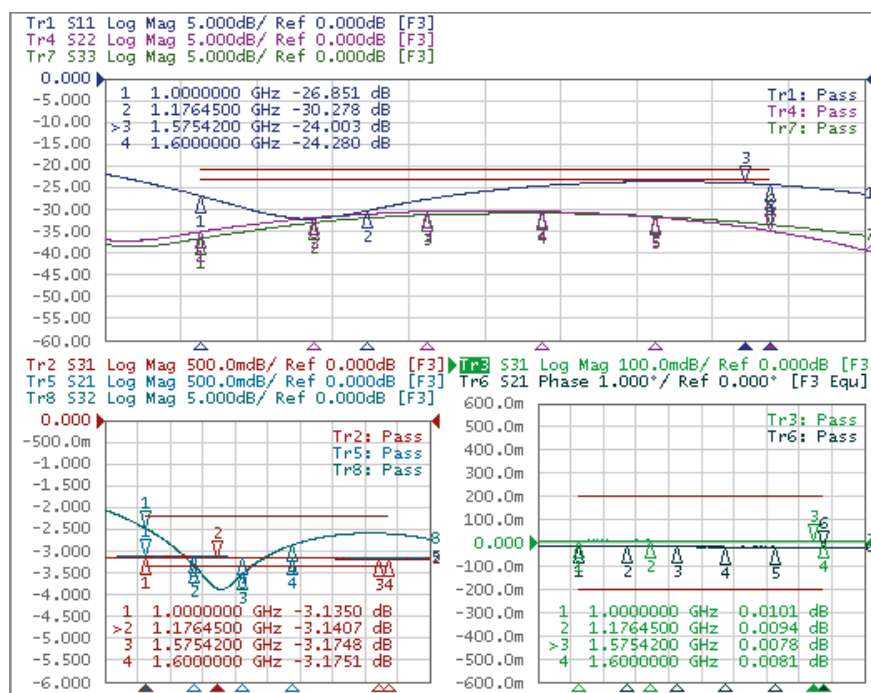
ABOUT

WiRan Power Dividers allow for easy splitting of RF power into two channels, providing excellent phase & amplitude balance, low Insertion Loss and VSWR factors and high isolation between channels.



FEATURES

- compliant with the CubeSat nanosatellite standard
- small dimensions, perfect for compact satellites
- silver coated lightweight aluminum housing
- wide operational temperature range
- can work as a combiner



S-Parameters available on request.



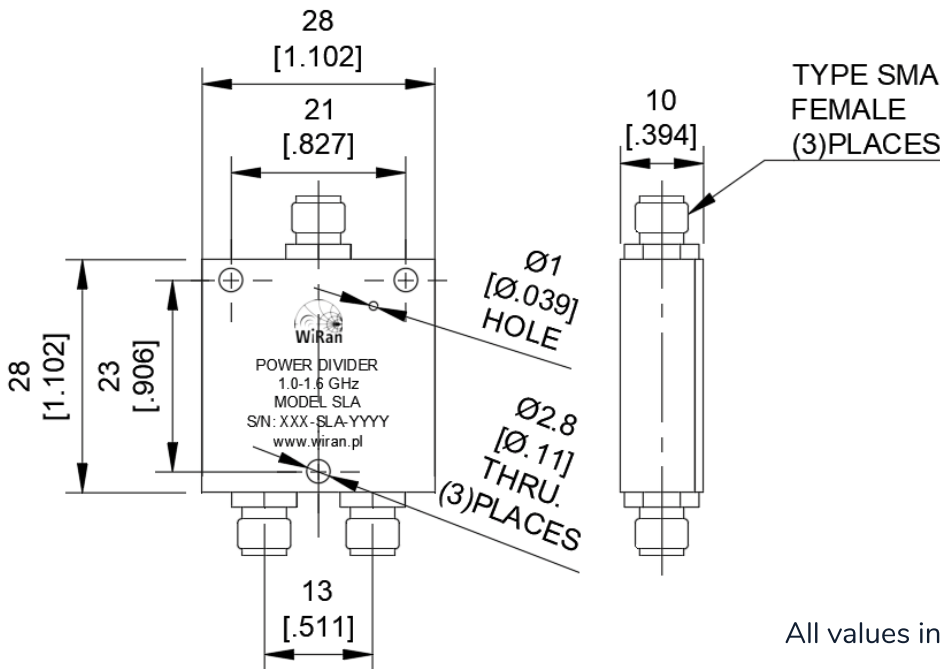


L-band Splitter

for nanosatellites applications

Parameter	Value	Unit
Frequency Range	1000-1600	MHz
Insertion Loss	≤0.35 (above 3.01dB split)	dB
VSWR	Input ≤1.20:1 Output ≤1.15:1	
Isolation	≥22	dB
Amplitude Balance	≤0.2	dB
Phase Balance	≤±2	°
Power Handling *	Forward ≤10 Reversed ≤5	Watt
Operating Temperature	-55÷ +85	°C
Weight	25	g
Impedance	50	Ω
Port Connectors	SMA female connectors	

* for altitude 1<h<100km (corona limited)
Forward 4W
Reverse 2W



All values in mm.
STEP files available on request.

Ordering code	Description
SLA	L-band Splitter 1000-1600 MHz, CubeSat compatible