

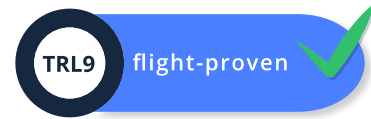


# S-Band Splitter

for CubeSat nanosatellites applications

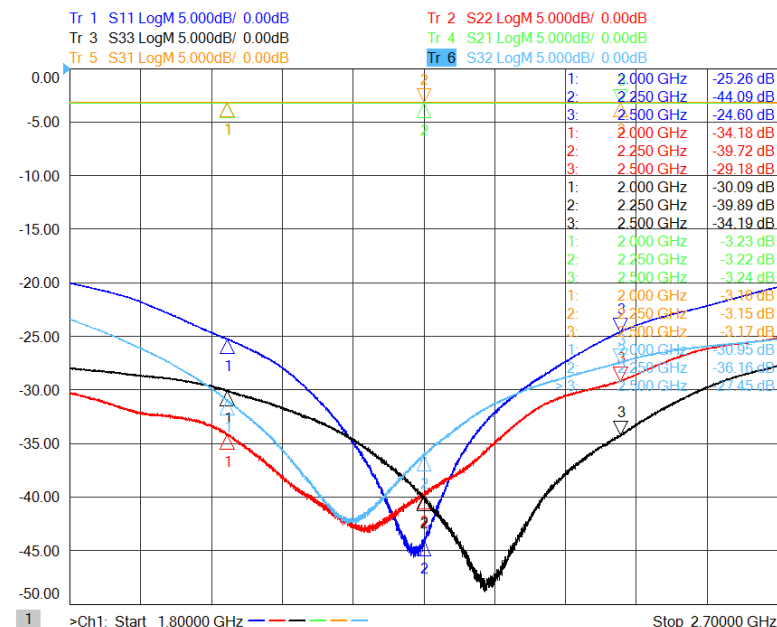
## ABOUT

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



## FEATURES

- compliant with the CubeSat nanosatellite standard
- small dimensions, perfect for compact satellites
- alodine coated lightweight aluminum housing
- fully compatible with other WiRan S-Band products (diplexer, antenna)
- wide operational temperature range



**S parameters** available on request

**WiRan sp. z o.o.**

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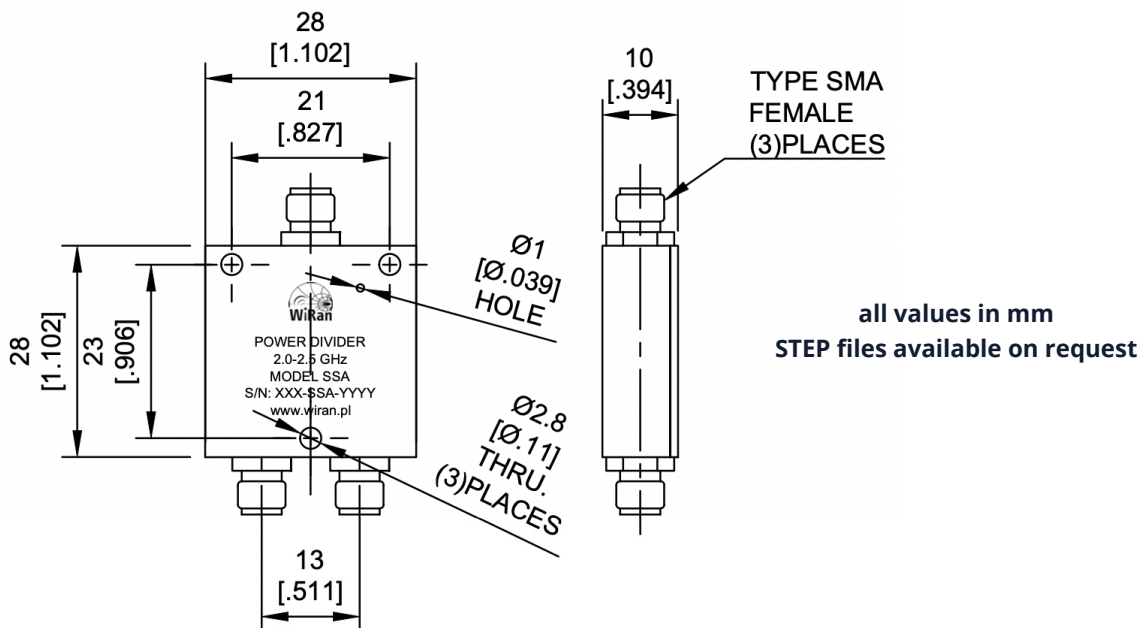
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# S-Band Splitter

for CubeSat nanosatellites applications

<b>Frequency Range</b>	2~2.5GHz
<b>Insertion Loss</b>	≤0.30dB (Above 3.01dB Split)
<b>VSWR</b>	Input ≤1.25:1 Output ≤1.20:1
<b>Isolation</b>	≥25dB
<b>Amplitude Balance</b>	≤0.2dB
<b>Phase Balance</b>	≤2°
<b>Power Handling</b>	Forward ≤10Watt; Reversed ≤5Watt
<b>Operating Temperature</b>	-55 ÷ +85 °C
<b>Weight</b>	20g
<b>Impedance</b>	50Ω
<b>Port Connectors</b>	SMA-Female



Ordering code	Description
SSA	S band splitter 2000-2500MHz, CubeSat compatible