



# X-Band Splitter

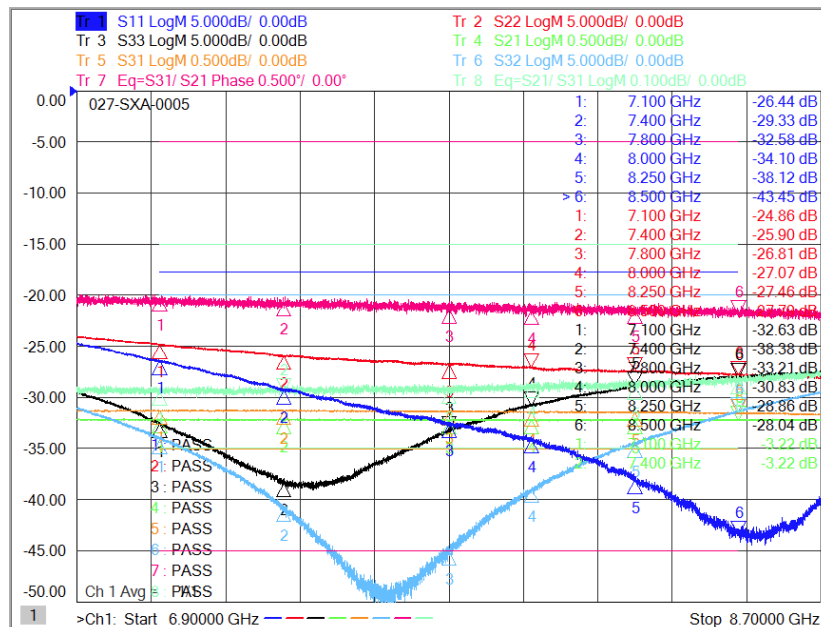
for CubeSat nanosatellites applications

## ABOUT

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

## FEATURES

- compliant with the CubeSat nanosatellite standard
- small dimensions, perfect for compact satellites
- alodine coated lightweight aluminum housing
- wide operational temperature range



**S parameters** available on request

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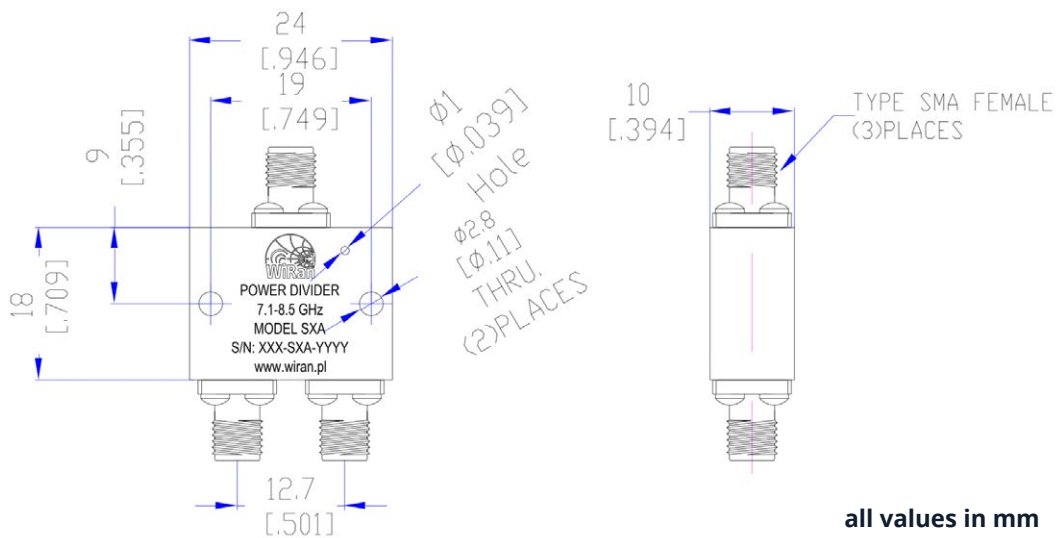
wiran.pl, info@wiran.pl



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for CubeSat nanosatellites applications

<b>Frequency Range</b>	7.1-8.5 GHz
<b>Insertion Loss</b>	≤0.5dB (Above 3.01dB Split)
<b>VSWR</b>	Input ≤1.30:1 Output ≤1.30:1
<b>Isolation</b>	≥20dB
<b>Amplitude Balance</b>	≤±0.2dB
<b>Phase Balance</b>	≤±2°
<b>Power Handling</b>	Forward ≤30Watt; (common port) Reversed ≤5Watt each port, at 20 °C
<b>Operating Temperature</b>	-55 ÷ +85 °C
<b>Weight</b>	30g
<b>Impedance</b>	50Ω
<b>Port Connectors</b>	SMA-Female



all values in mm  
STEP files available on request

Ordering code	Description
SXA	X band splitter 7100-8500MHz, CubeSat compatible