



# X-Band Splitter

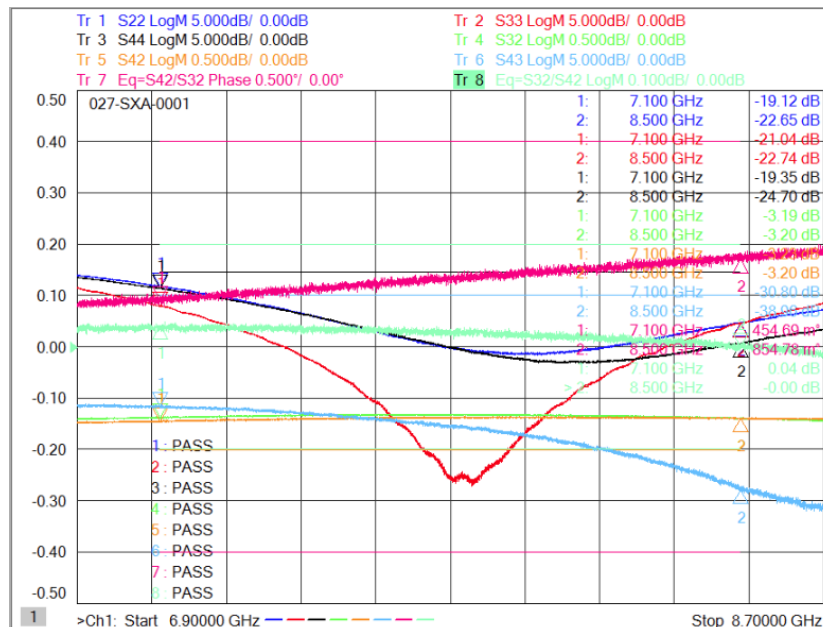
for CubeSat nanosatellites applications

## 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

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

Pomeranian Science and Technology Park, Al. Zwycięstwa 96/98

81-451 Gdynia, Poland

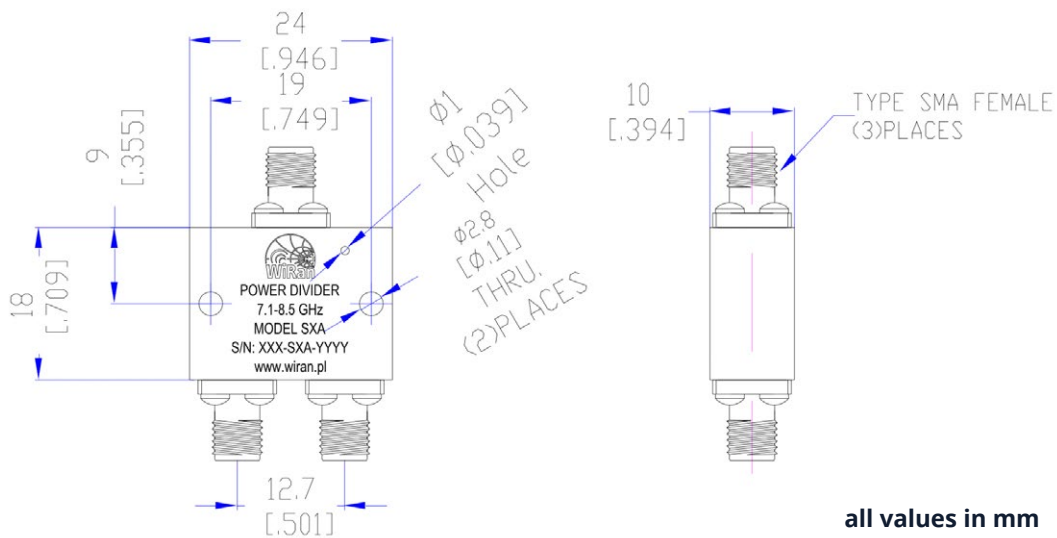
+48 58 663 10 10

wiran.pl, info@wiran.pl

# X-Band Splitter

for CubeSat nanosatellites applications

<b>Frequency Range</b>	7.1~8.5 GHz
<b>Insertion Loss</b>	≤0.5dB (Above 3.01dB Split)
<b>Return Loss</b>	≥17dB
<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>	-75 ÷ +90 °C
<b>Weight</b>	30g
<b>Impedance</b>	50Ω
<b>Port Connectors</b>	SMA-Female



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