

# Xinger®

## Power Dividers In-Phase, 3-Way



### Description

The 4J3305 is a low profile 3 way Wilkinson power divider in an easy to use surface mount package designed for UMTS and other 3G applications. The 4J3305 is ideal for low power, in phase divider/combiner applications. Parts have been subjected to rigorous qualification testing and units are 100% tested. They are manufactured using materials with x and y thermal expansion coefficients compatible with common substrates such as FR4, G-10 and polyamide.

### Features:

- 2.0 – 2.3GHz
- 3-Way Split
- Low loss
- High Isolation
- In Phase
- Surface Mountable
- Tape And Reel
- Convenient Package
- 100% Tested

### ELECTRICAL SPECIFICATIONS\*\*

Frequency	Isolation	Insertion Loss	Amplitude Balance
GHz	dB Min	dB Max	dB Max
2.0 – 2.3	16	0.30	±0.30
VSWR Input	VSWR Output	Phase Balance	Operating Temp.
Max:1	Max:1	Degrees	°C
1.50	1.60	± 3	-55 to +85

\*\*Specification based on performance of unit properly installed on microstrip printed circuit boards with 50 Ω nominal impedance. Maximum input power: 5 Watts average CW when terminated into a 1.2:1 maximum VSWR. Specifications subject to change without notice.

### Outline Drawing



