

Part Number: **COS-10-M00**

## Power Divider

- 75GHz to 110GHz
- Insertion loss 0.5 TYP
- 20 dB Isolation
- Power Balance 0.5 dB



**Input Port** WR-10 Waveguide, UG-387/U Flange  
**Output Port** WR-10 Waveguide, UG-387/U Flange

**STOCK#:**

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## PRODUCT OVERVIEW

Precision Millimeter Wave Power Dividers are 1 inch square, made of Brass and then gold plated. They provide an equal power split with low insertion loss. When power is applied to the input port it is divided between the two output ports to result in equal power split and in-phase output signals.

## APPLICATIONS

- 5G Systems
- Power division
- Signal splitting
- Communication Systems

Parameter	Specification
Frequency Range	75GHz to 110GHz
Insertion Loss	0.5 dB typical
Band width	90 %
Isolation	20 dB between port 1 and 2
VSWR input	1.6:1
VSWR output	1.5:1

