

# Commercial Grade Power Dividers

Midwest Microwave Commercial Grade Power Dividers are designed to meet requirements of today's commercial applications and offer the best combination of price and performance. Standard catalog units are available off the shelf and stocked by Midwest's franchised distributors for immediate deliveries.

All parts are 100% tested to ensure high and reliable performance.

## Specifications

- 0.5-40 GHz operation
- Low Insertion Loss
- Low VSWR
- -65°C to +85°C operating temperature
- Chemical conversion coated aluminum construction

## Features

- Best combination of price and performance
- For general commercial use
- 40 GHz operation
- Coated aluminum construction
- 2.92mm, N, and SMA Interfaces
- 2-way and 4-way divisions

## Applications

- Cellular base stations
- Public safety systems
- Wi-Fi networks hardware
- Active antenna systems
- 5G network hardware
- GPS systems



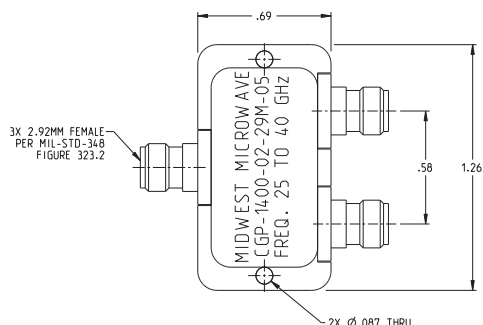
# Commerical Grade Power Dividers



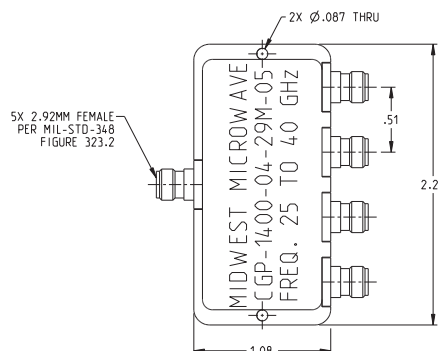
## Specifications

	CGP-1400-02-29M-05	CGP-1400-04-29M-05	CGP-1060-02-NNN-05	CGP-1060-02-SMA-05	CGP-1060-04-SMA-05
Interface	2.92mm	2.92mm	N	SMA	SMA
Number of Divisions	2	4	2	2	4
Materials					
Housing Material	Chemical conversion coated aluminum				
Connector Material	Tri-alloy plated brass				
Center Contact	Silver plated beryllium copper				
Enviromental					
Operating Temperature	-65 to 85°C				
Nominal Impedance	50 Ω				
Electrical					
Frequency	25 - 40 GHz	25 - 40 GHz	0.5 - 6 GHz	0.5 - 6 GHz	0.5 - 6 GHz
Amplitude Unbalance	± 8°	± 10°	± 2°	± 2°	± 5°
Isolation	15 dB	15 dB	0.5 - 0.7 GHz 15 dB 0.7-6 GHz 20 dB	0.5 - 0.7 GHz 15 dB 0.7-6 GHz 20 dB	0.7 - 0.9 GHz 18 dB 0.9-6 GHz 20 dB
VSWR	1.85:1	1.90:1	0.5 - 0.7 GHz 1.55:1 0.7-6 GHz 1.30:1	0.5 - 0.7 GHz 1.55:1 0.7-6 GHz 1.30:1	0.5 - 0.7 GHz 1.45:1 0.7-6 GHz 1.40:1
Input Power	10 W Average	10 W Average	35 W Forward 2 W Reversed	35 W Forward 2 W Reversed	30 W Forward 2 W Reversed

## CGP-1400-02-29M-05



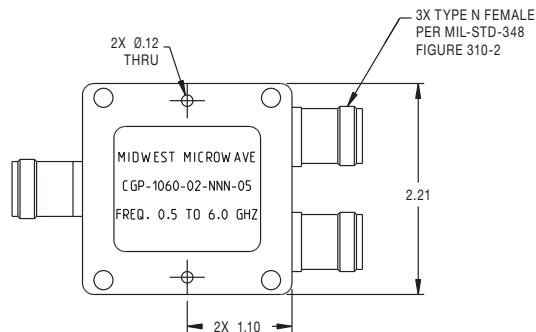
## CGP-1400-04-29M-05



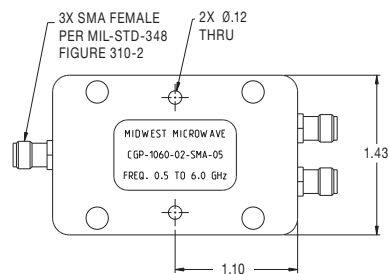
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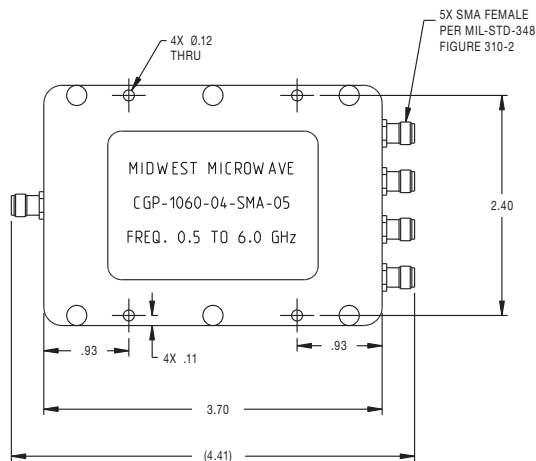
## CGP-1060-02-NNN-05



## CGP-1060-02-SMA-05



## CGP-1060-04-SMA-05



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