

# Commercial Grade Adapters

## Features

- Best combination of price and performance
- For general commercial use
- Up to 18 GHz operation
- Gold and nickelplated brass construction
- SMA to SMA, SMA to N, SMA to MCX, male/female versions
- Bulkhead SMA female to SMA female also available



## Applications

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

### Electrical

	SMA to SMA Models	SMA to N Models	SMA to MCX Models
Frequency of Operation	DC-18 GHz	DC-10 GHz	DC-6 GHz
Impedance	50Ω (Nominal)	50Ω (Nominal)	50Ω (Nominal)
VSWR	1.2:1 (max.)	1.2:1 (max.)	1.2:1 (max.)

### Materials and Finish

Body	Gold plated brass	Nickel plated brass	Gold plated brass
Male Center Contact	Gold plated brass	Gold plated brass	Gold plated brass
Female Center Contact	Gold plated beryllium copper	Gold plated beryllium copper	Gold plated beryllium copper
Insulator	PTFE	PTFE	PTFE

### Environmental

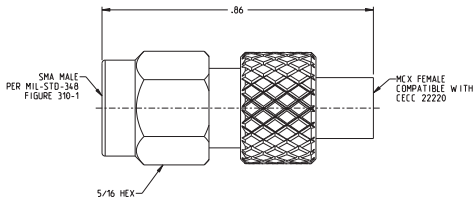
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
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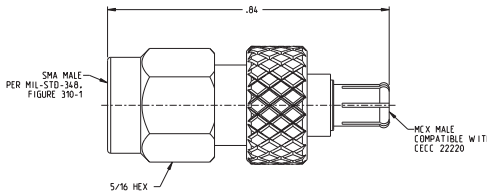
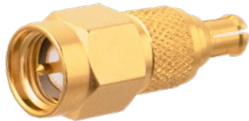
## SMA Male to MCX Female

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1060-SM-MCF-09	Gold Plated	50 Ohms	DC - 6 GHz	1.20 Max



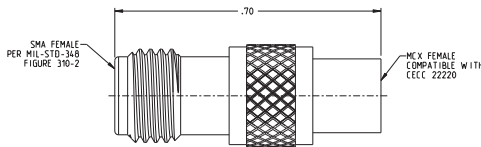
## SMA Male to MCX Male

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1060-SM-MCM-09	Gold Plated	50 Ohms	DC - 6 GHz	1.20 Max



## SMA Female to MCX Female

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1060-SF-MCF-09	Gold Plated	50 Ohms	DC - 6 GHz	1.20 Max

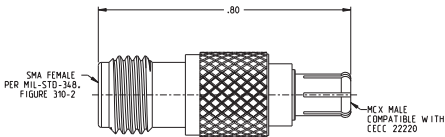


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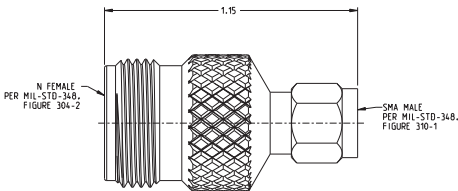
## SMA Female to MCX Male

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1060-SF-MCM-09	Gold Plated	50 Ohms	DC - 6 GHz	1.20 Max



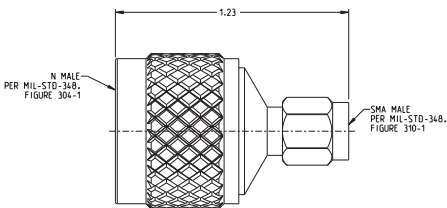
## SMA Male to N Female Adapter

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1100-NF-SMM-10	Gold Plated	50 Ohms	DC - 10 GHz	1.20 Max



## SMA Male to N Male Adapter

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1100-NM-SMM-10	Gold Plated	50 Ohms	DC - 10 GHz	1.20 Max

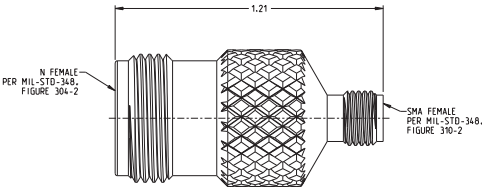


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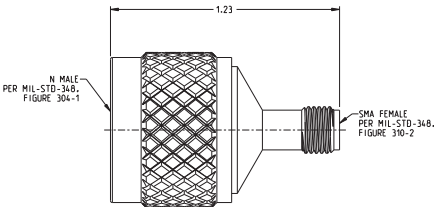
## SMA Female to N Female Adapter

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1100-NF-SMF-10	Gold Plated	50 Ohms	DC - 10 GHz	1.20 Max



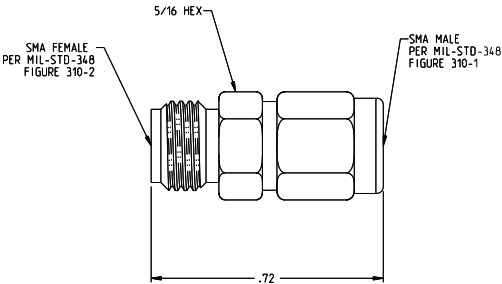
## SMA Female to N Male Adapter

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1100-NM-SMF-10	Gold Plated	50 Ohms	DC - 10 GHz	1.20 Max



## SMA Male to SMA Female

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1180-MF-SMA-09	Gold Plated	50 Ohms	DC - 18 GHz	1.20 Max

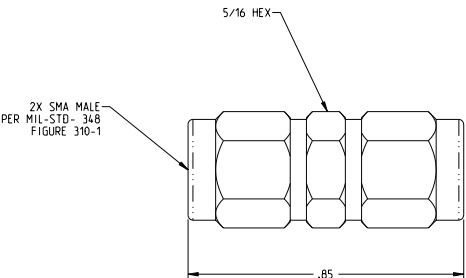


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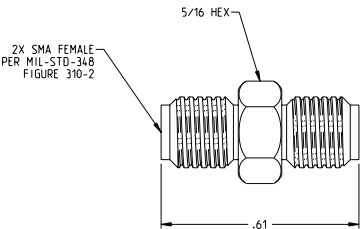
## SMA Male to SMA Male

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1180-MM-SMA-09	Gold Plated	50 Ohms	DC - 18 GHz	1.20 Max



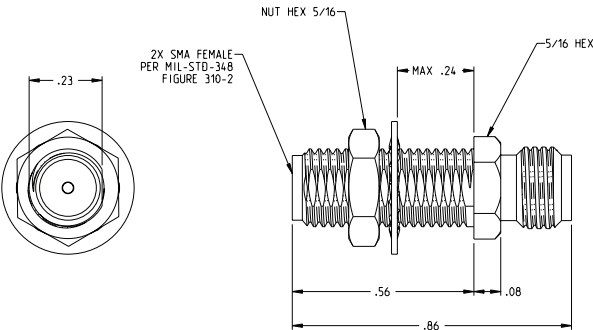
## SMA Female to SMA Female

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1180-FF-SMA-09	Gold Plated	50 Ohms	DC - 18 GHz	1.20 Max



## SMA Female to SMA Female Bulkhead

Part Number	Material	Impedance	Maximum Frequency	VSWR
CGM-1180-FB-SMA-09	Gold Plated	50 Ohms	DC - 18 GHz	1.20 Max



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