

FIXED & VARIABLE MONITORS, POWER 0.1-10 GHz

SERIES M200

GENERAL INFORMATION

The M200 series are continuously adjustable probe type couplers. These units are ideal for monitoring R. F. power with very low main line insertion loss. The video detector built in as an integral part of the M203 series, with continuously adjustable coupling, provides a simple and convenient means to calibrate a power meter to an R.F. circuit. A locking adjustment is provided to permanently set the sampler at any point in the coupling range.

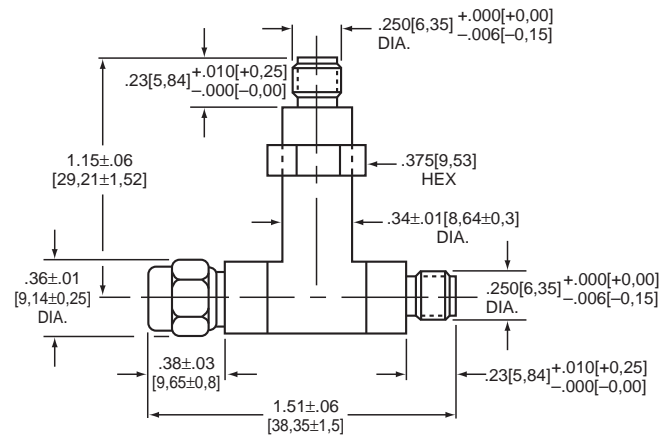
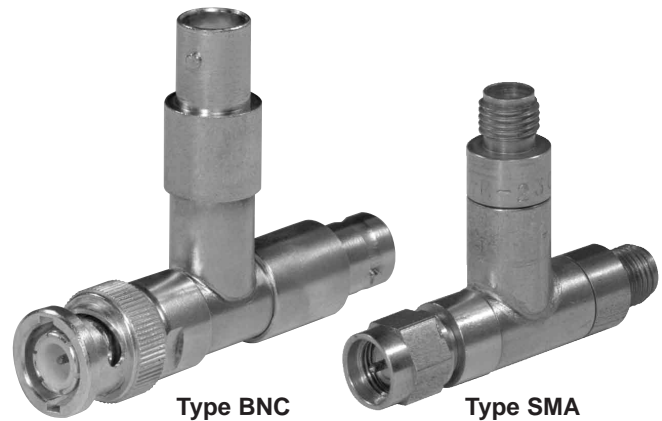
The M200 series signal samplers are available with either SMA or BNC connectors. Custom designed units can be provided to operate at power levels up to 500 watts average and 5KW peak. The same basic unit as the M200 series is available in a ruggedized rectangular base with clearance holes provided for convenient chassis mounting, on special order.

GENERAL SPECIFICATIONS

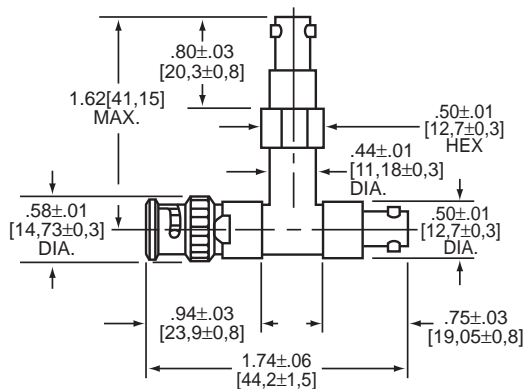
Frequency Range:	0.1-10 GHz
Coupling Range:	See Curve
Crystal Type:	IN23 (Negative Output)—Supplied
Power:	30 WCW, 1 KW Peak
Impedance:	50 ohms nominal
Temperature Range:	-55 to +125°C
Directivity:	Bi-Directional
Ins. Loss:	0.25 dB maximum
Max. VSWR:	1.25 M203M, 1.40 M203B

Model No.	Connectors	
	Main Line m/f	Coupled Port* female
M203M	SMA	SMA
M203B	BNC	BNC

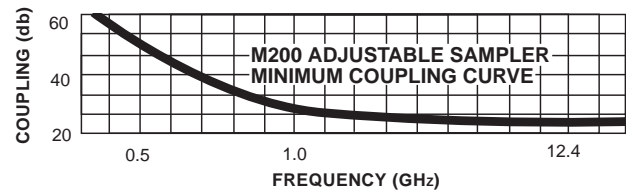
*Negative Output Diode Supplied



Model M203M



Model M203B



KEY: Inches[Millimeters] .XX ±.03 .XXX ±.010 [.X ±0.8 .XX ±0.25]