

Technical drawing of the SMA Male connector assembly. The drawing shows a cross-section of the assembly with dimensions. The total length is 22.4. The SMA Male connector has a length of 8mm. The MSMP Male connector has a length of 9mm. The SMA Male connector is labeled "SMA Male (1/4"-36 UNS 2B)".

1. Material
1-1. Coupling Nut : Stainless Steel, Passivated
1-2. Body : Stainless Steel, Passivated
1-3. Center Contact : Brass, Au Plated
1-4. Insulator : PS

2-1. Operating Temperature : -40°C to 85°C

3-1. Impedance : 50Ω
3-2. Frequency : DC to 40GHz
3-3. VSWR : 1.25 : 1 @40GHz Typ.
 1.35 : 1 @40GHz Max.

3-4. Insertion Loss : $-0.05\text{dB} \times \sqrt{F}$
[F: Frequency(GHz)]



MATERIAL	SEE NOTE.		DRAW	DESIGN	CHECK	APPRO.	MSMPMST-2P92M-001		
FINISH	SEE NOTE.		JH.Kang			MC.Jeon	Sales Drawing		
TOLERANCE	Decimal	Angle	24.07.11			23.11.11	P/N	XXXXXXXXXXXXXX	
	±0.3	±3.0°							
SCALE	4/1	UNITmm		Adapter			 SENSORVIEW		A4
REVISION	A	SHEET	1/1						