



**Electrical Characteristics:**  
 Frequency: 100.0 GHz max.  
 Impedance: 50.0 Ohms Nominal  
 VSWR:  
 1.15:1 to 12 GHz  
 1.25:1 to 26 GHz  
 1.40:1 to 40 GHz  
 1.50:1 to 65 GHz

**Mechanical:**  
 Operating temperature range:  
 -55°C to +165°C  
 SMP3 interface meets MIL-STD-348

Component	Material	Material Std compliance	Finish		Finish Std compliance
Body & Center Conductor	Beryllium Copper	ASTM B-196 UNS No. C17300 Temper TH04(H)	Gold Plate Nickel under plate	50µin - 100µin	Gold Plate: ASTM-B-488, Code C, Type II, Class 1.27
				50µin - 100µin	Nickel Plate: SAE-AMS-QQ-N- 290, Class I
Dielectric	PTFE	ASTM D-1710 Type 1, Grade 1	---	---	---

All dimensions after treatment in inches (mm)

Type: 31_SMP3-50-0-1		All dimensions after treatment in millimeter (mm)		
Assembly drawing	Released date:	alternative ID 29171-A2F1	3D-ID PRO-01170179 A	Sheet: 1 / 1
<b>HUBER+SUHNER</b>	description		ID	Release
	Adapter, Bullet SMP3		DOU-01170180	B