

Electrical Specifications	
Frequency:	DC - 18.0 GHz
Impedance:	50 Ohms
VSWR:	1.25:1 max.
Insertion Loss:	0.2 dB typ., 0.3 dB max.
RF Leakage:	-(90 - f(GHz)) dB
Insulation Resistance:	shall not be less than 5,000 megaohms
Dielectric Withstanding Voltage:	1,000 Volts rms at Sea Level
RF High Potential Withstanding Voltage:	670 Volts rms at 5 MHz
Materials	
Steel	Corrosion resistant 1.4305 per DIN EN 10088-3 (ASTM-A-582-80)
Copper Beryllium	33-25 CuBe2Pb H per DIN 17666 (ASTM-B-196)
PTFE	PolyTetraFluoroEthylene per ASTM-D-1710
Epoxy Resin	per In-House specification
Finish	
Stainless Steel	shall be passivated per ASTM-A-967
Copper Beryllium	Centre Contacts shall be gold plated to a minimum thickness of .00005 inch (127 µm) in accordance with ASTM-B-488, Type III, Code C, Class 125.
	Outer Conductor shall be gold plated to a minimum thickness of .000031 inch (0.75 µm) per ASTM-B-488, Type III, Code C, Class 0.75.

DRAWING-SETS	
8001-SF21-02	
SURFACE TREATMENT	
1	Elec. Specs
	Materials
	Finishes
	Re-Drawn
STATE	CHANGES
	DATE
	NAME
ADM. TOL.	
	DATE
	NAME
	DRAWN
	APPROV.
	29.05.02
	PVN
SURFACE	
SCALE	
MATERIAL	
WEIGHT	
DESCRIPTION	
DRAWING NUMBER	
SHEET	
OF	

To improve our product we reserve the right to make changes. Specifications are therefore subject to change without notice.	
Adapter	
SMA Female Push-On to SMA Female	
Straight, Bulkhead Feedthrough	
8001-SF21-02	
KUZ	
0F	

SMA	
Female	
Push-On	
Non-Locking	
2 Across Flats	
9.53 [.378"]	
Panel Max	
3.5 [.138"]	
11 [.433"]	
1/4"-36	
UNS-2A	
7.94 [5/16"]	
Hex.	