

Technical specifications of Straight SMA Male to Female Adapter			
Sr. no.	Parameter Description	Specification	Vendor's Compliance
1	Frequency range (minimum)	DC-18GHz	
2	Impedance	50 ohm nominal	
3	Type	Male-Female	
4	Size: Length X Diameter(mm) ± 1mm	Less than 25 x 10 mm	
5	Temperature Range	-20 deg C to +75 deg C	
6	VSWR across the entire Frequency Band (Maximum)	1.3 :1	
7	No. of Matings (Minimum)	500	
8	Power handling (Minimum)	1 W	
9	Insertion Loss(Maximum)	0.5dB	
10	Orientation	Straight	
11	Center Contact	Beryllium copper gold plated or brass gold plated	
12	Connector Body Material	Passivated stainless steel or brass gold/nickel plated	
13	Insulator	PTFE	
14	Warranty Product offered shall carry min. one year warranty against any manufacturing defects		
15	Terms & Conditions <ol style="list-style-type: none"> I. Only OEM / Authorized representative of OEM is allowed to quote for this bid. Authorization certificate should be provided. II. All the parts shall be packed individually and each bag shall be marked. III. Vendor shall mandatorily provide the following documents along with bid, failing which the quote is liable to be rejected. <ol style="list-style-type: none"> a. VSWR plot over frequency range b. Attenuation over Frequency range c. Datasheet mentioning all the compliance d. Mechanical Drawing IV. Vendor should provide COC and Warranty certificate along with the supply of materials. V. Tentative drawing for illustration purpose, indicating the type of adaptor. 		

