






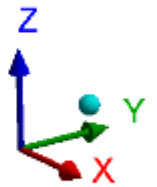
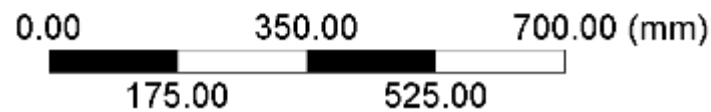
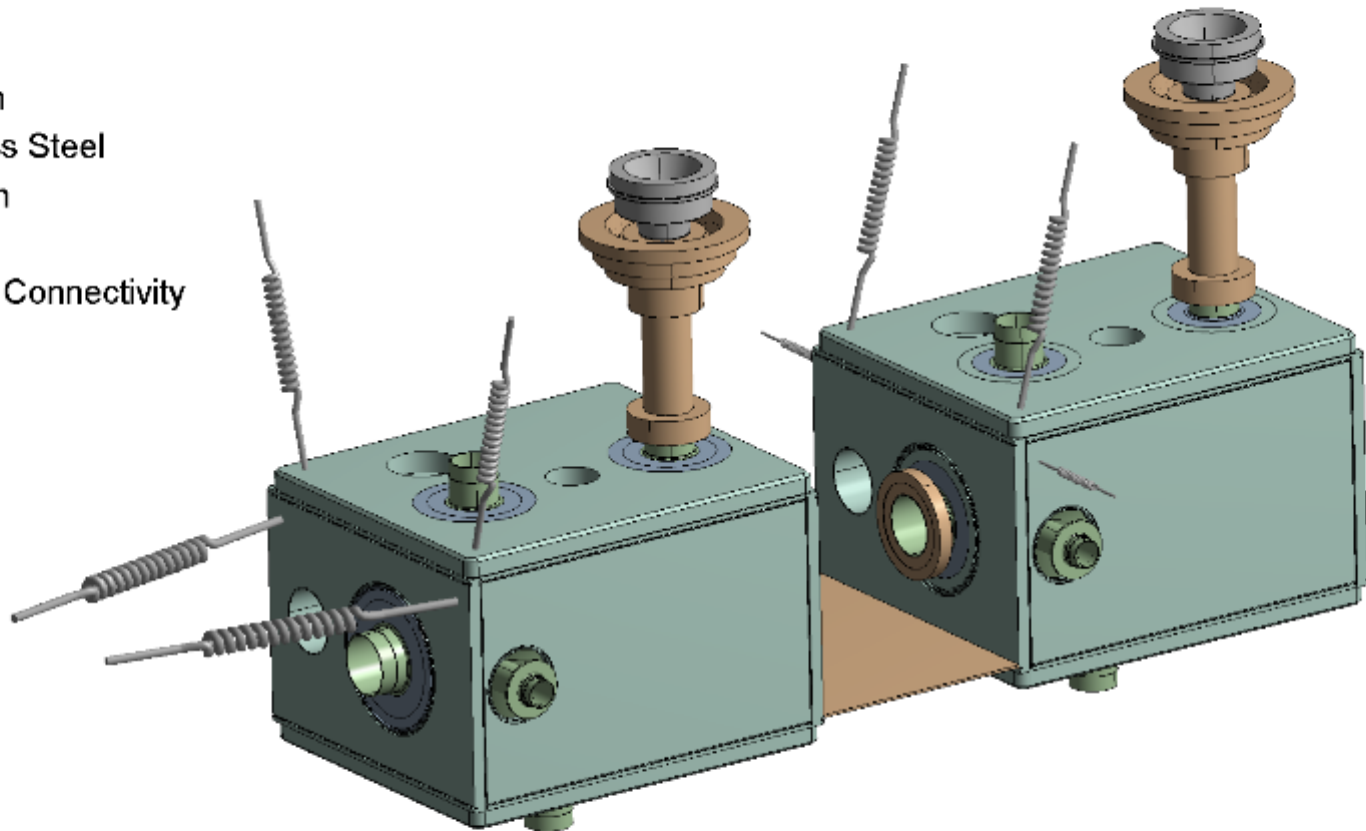
**Figure**

02/02/2015 08:33

-  Copper
-  Nb-Ti
-  Niobium
-  Stainless Steel
-  Titanium

**Edge/Face Connectivity**

-  Free
-  Single
-  Double
-  Triple
-  Multiple



# Modal vs. Thermal performance

1 <sup>st</sup> Mode [Hz]	Radius [m]	Thermal load (300K), [W]	Thermal load (80K), [W]
22.7	0.0013	0.4	0.0
32.5	0.0022	1.2	0.1
39.4	0.0028	2.0	0.2
42.3	0.0031	2.4	0.3
45.0	0.0034	2.8	0.3
47.4	0.0036	3.2	0.4
49.6	0.0038	3.6	0.4
51.7	0.0040	4.0	0.5
53.6	0.0042	4.4	0.5
55.4	0.0044	4.8	0.6
57.1	0.0046	5.2	0.6
58.7	0.0048	5.6	0.6
60.8	0.0050	6.1	0.7