



Fischer Custom Communications, Inc.

Fischer Custom Communications, Inc. offers a family of Transverse Electromagnetic (TEM) cells that can be used for both emissions and immunity testing.

The patented septum design offers broad frequency response, excellent field uniformity, low VSWR and low insertion loss.

Models FCC-TEM-JM1, FCC-TEM-JM2 and FCC-TEM-JM3 are ideal for radiated emission testing of semiconductor devices according to SAE 1752/3.

The FCC-TEM-JM1, FCC-TEM-JM2 and the FCC-TEM-JM3 can be used for immunity testing and require less than 3.7 milliwatts input power to achieve a 10 volt per meter Electric Field and 37 watts to achieve 1000 volt per meter Electric Field.



Specifications	FCC-TEM-JM1	FCC-TEM-JM2	FCC-TEM-JM3
Frequency range	DC - 1,200 MHz	DC - 1,600 MHz	DC - 2,000 MHz
Maximum EUT dimensions (cm)	6 x 6 x 1	6 x 6 x 1	6 x 6 x 1
Maximum VSWR	1.2:1	1.2:1	1.25:1
RF connector	N	N	N
Maximum input power	500 watts	500 watts	500 watts
EUT port dimensions (cm)	9.1 x 9.1	9.1 x 9.1	9.1 x 9.1
Dimensions (cm)	15.2 x 9.9 x 33.8	15.2 x 9.9 x 33.8	15.2 x 9.9 x 33.8

Contact the applications engineers at Fischer Custom Communications, Inc. to discuss your requirements for emissions and immunity EMC testing.