

PERFORMANCE SPECIFICATIONS

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The hardware that DiTom Microwave manufactures for space qualification will meet all specifications listed in Table 1 over the operational temperature range listed in Table 2. Table 1 is a simple indication of the performance specifications listed internally for space qualified isolators and circulators. The measurements shall be recorded in graphical format unless otherwise requested. DiTom will work with you to draft, perform, and report data from any custom space test profile requirement you have.

Please feel free to contact us at 559.255.7042 or sales@ditom.com for additional information.

TABLE 1 – PERFORMANCE SPECIFICATIONS

Operational Frequency Range	TBD	GHz
Impedance	50	Ω
Insertion Loss	TBD	dB (MAX)
Insertion Loss Flatness Over Bandwidth	TBD	dB (pk-pk)
Insertion Loss Stability Over Temperature	TBD	dB (pk-pk)
VSWR (All ports)	TBD	dB (MIN)
Isolation (Isolator)	TBD	dB (MIN)
RF Leakage (per simplified MIL-STD-461E)	TBD	dBi (MAX)
Magnetic Interference <i>Surface Gauss/Magnetic Dipole Moment</i>	XXX/0.XXX	G / A·m ²
Visual Inspection (Assembly) MIL-STD-883	10X-40X	Magnification
Visual Inspection (Prep, Final Prep) MIL-STD-883	1.75X-10X	Magnification
Peak Power*	TBD	W
Average Power*	TBD	W

* - Certified to meet but not tested