

**GENERAL SPECIFICATIONS:**

Operating Frequency: 1.3GHz, +/- 100kHz

Operating Power: 0-7KW per (with full reflection any phase)

Return Loss (S11&S22): Better than -40dB (VSWR <1.02) \*\*

\*\* SLAC Table 1 reference <-45dB (VSWR<1.011) we expect most of the components will be

less than -45dB but it is not practical to measure on a NWA.

Insertion Loss (S21): Less than 0.01dB/meter

Waveguide: Aluminum with RoHs corrosion coat treatment

Flange Type: CPRF, WR650 Flat Face

Material: Aluminum

Paint, Exterior Grey

Pressure: 4 psig min with MegaSeal gaskets

RF specifications shall be met