



Terms of Reference

Item	Details	Specifications
1	WR284 Water Load	Electrical: - Frequency: 2998 MHz - Peak power: 3.1 MW - Pulse width: 5 us - Average power: 15 kW - VSWR: 1.05:1 max Mechanical: - Materials: Copper alloy w/ Zinc plated Stainless Steel flanges - Waveguide Pressurization: 32 PSIG SF₆ Warranty: 1 year Documents: - Outline Drawings - Performance testing documents
2	WR284 Reflectometer	Electrical: - Frequency: 2998 MHz - Insertion loss: 0.1 dB max - Peak power: 3.1 MW - Pulse width: 5 us - Average power: 15 kW - Fwd. Coupling: 50 dB +/- 1 - Rev. Coupling: 70 dB +/- 1 - Directivity: 15 dB min (20% BW) Mechanical: - Material: aluminum - Flange interface: WR284 CPRG - Length: 9 inches

Item	Details	Specifications
		- Pressure req.: 32 PSIG SF₆ - Metal finish: RoHS compliant conversion coating - Paint: MT gray - Marking: Label with Part Number, Serial Number, Coupling values & QR code Warranty: 1 year Documents: - Outline Drawings - Performance testing documents
3	WR284 Gasket (Groove/Groove)	Waveguide - Mating Interfaces: CPR284 CPRG to CPRG (Groove/Groove) - Material: Conductive Silicone
4	WR284 Gasket (Groove/Flat)	P/N: 67444-4 WR284 Gasket, CPRG, Groove/Flat, Conductive - Mating Interfaces: CPR284 CPRF to CPRG (Groove/Flat) - Material: Conductive Silicone
5	WR284 Single Triad Gasket	P/N: 6268 - WR284 Single Triad Gasket (BUNA)
6	WR284 SLAC Gasket	P/N: 76939-1 - WR284 SLAC Gasket (Copper)

Signature.......... Purchaser