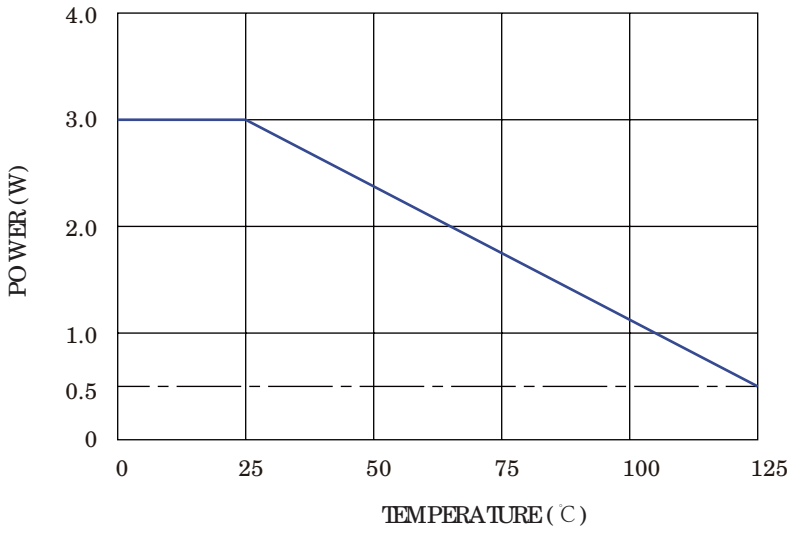
RF Coaxial Termination

The coaxial termination series - or loads - designed and manufactured by Anoison are matched to 50 Ohms characteristic impedance. These matched loads provide an RF termination designed to absorb all incident power with very little reflection, effectively terminating the line or port in its' characteristic impedance.

A coaxial termination is used in a wide variety of measurement systems; any port of a multi-port microwave device that is not involved in the measurement should be terminated in its' characteristic impedance in order to ensure an accurate measurement. A coaxial termination is also used in devices such as directional couplers and isolators. High power versions are used in transmitter applications as dummy loads.

Typical Power Derating



The referenced average power is applicable at 25℃ ambient temperature. For higher ambient temperature a certain power derating may be required. Please see detailed product specification. Medium and high power terminations must be mounted in such a way that allows air to circulate freely around the termination to assure rated performance.

Features and Benefits

- Broadband
- Operating Temperature from -55℃ to +125℃
- Low VSWR
- High Repeatability

Main Specifications

Impedance: 50 Ω

Dielectric withstanding voltage(V.R.M.S.): 100V

Durability (mating cycles): ≥500

Material/Plating

Body: Passivated stainless steel

Gold plated brass

Center Conductor: Gold plated beryllium copper

Insulators: PTFE & PEI

Part No.	Type	Gender	Power(W)	Frequency (GHz)
ANO 762-101	1.85mm	Male	1	65
ANO 762-202	1.85mm	Female	1	65
ANO 722-103	2.4mm	Male	1	50
ANO 722-204	2.4mm	Female	1	50
ANO 729-101	2.92mm	Male	1	40
ANO 729-202	2.92mm	Female	1	40
ANO 729-103	2.92mm	Male	1	40
ANO 729-102	2.92mm	Male	1	40
ANO 747-101	4.3-10	Male	10	8.5
ANO 747-103	4.3-10	Male	5	8.5
ANO 747-102	4.3-10	Male	25	7
ANO 751-130	N-Type	Male	5	18
ANO 751-106	N-Type	Male	25	6
ANO 751-101	N-Type	Male	2	18
ANO 751-104	N-Type	Male	5	11
ANO 751-125	N-Type	Male	50	4
ANO 726-106	QMA	Male	0.5	6
ANO 726-207	QMA	Female	0.5	6
ANO 726-101	QMA	Male	1	18
ANO 726-104	QMA	Male	1	18
ANO 721-205	SMA	Female	1	18
ANO 721-102	SMA	Male	1	18
ANO 721-207	SMA	Female	5	18
ANO 721-208	SMA	Female	5	18
ANO 721-101	SMA	Male	1	26.5
ANO 721-110	SMA	Male	2	18
ANO 721-118	SMA	Male	5	12.4
ANO 721-211	SMA	Female	2	18
ANO 721-212	SMA	Female	2	18
ANO 721-109	SMA	Male	2	26.5
ANO 721-206	SMA	Female	1	18
ANO 721-104	SMA	Male	5	18
ANO 793-202	SMP	Female	1	40
ANO 793-101	SMP	Male	1	40
ANO 794-203	SMPM	Female	0.25	40
ANO 730-203	TNCA	Female	2	18