

305 & 344 SERIES

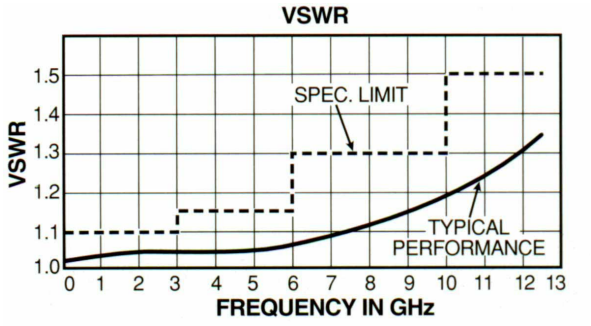
FEATURES

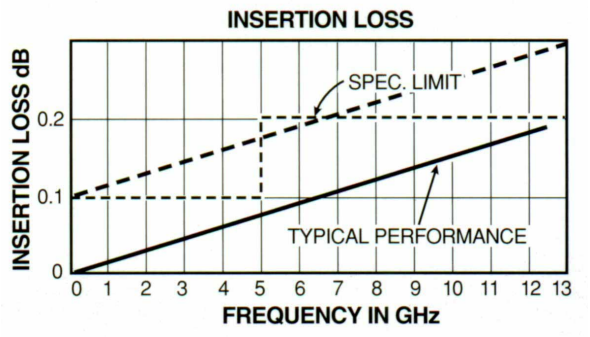
- Coaxial In-line, TNC or TYPE-N Male and Female
- Designed for High Speed Operation
- Designed to MIL-E-5400 Class II
- Long Life

SPECIFICATIONS

Frequency Range f (GHz)	VSWR max @ f (GHz)	Insertion Loss, max (dB) @ f (GHz)	Peak Power (kW)	Average Power Watts @ f (GHz)	Starting Torque Max (oz-in)	Continuous Rotational Speed (rpm)	Nominal Weight (ounces)	Model Number
DC – 12.4	1.10:1 DC–3	0.1 + 0.015f	10	100 @ 1	8	500	8	305W
	1.15:1 3–6				8	500	9	305WF
	1.30:1 6–10				7	1500	4	344
	1.50:1 10–12.4				7	1500	5	344F
DC – 18	1.5	1.0	6	100 @ 18	7	1500	5	344AF

- Model 344AF supplied with TNC connectors, all others have Type N.
- Models designated F are flanged styles for gimbal.
- WOW (max VSWR/min VSWR)/360° is 1.01.
- Max DC current is 10 A.
- Refer to Power Derating chart for power ratings at other frequencies.

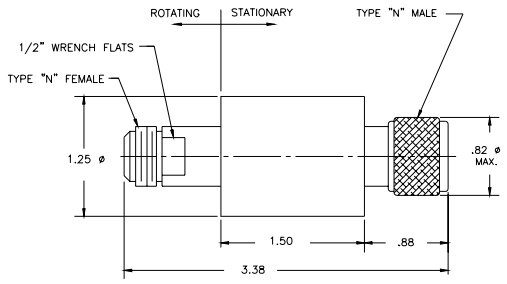




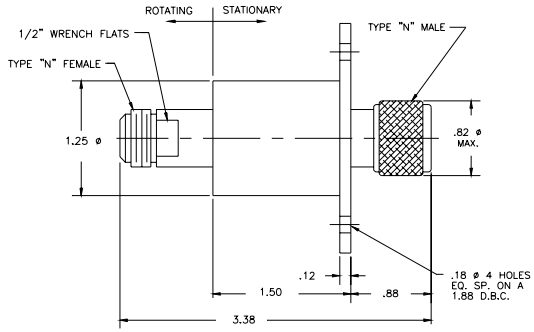
VSWR and insertion loss graphs applicable only for models with Type N connectors.

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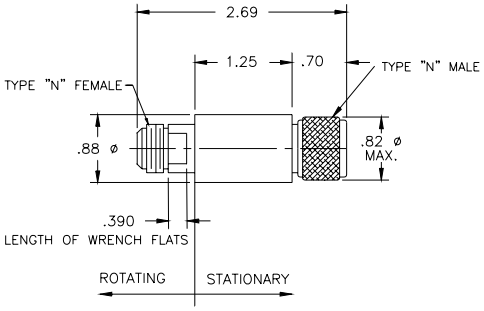
OUTLINE DRAWINGS



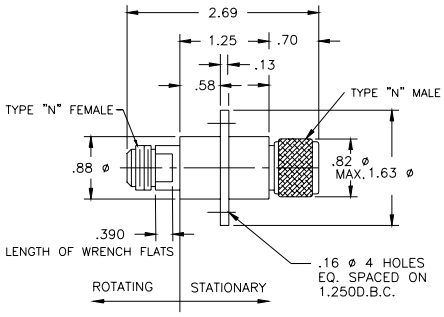
MODEL 305W



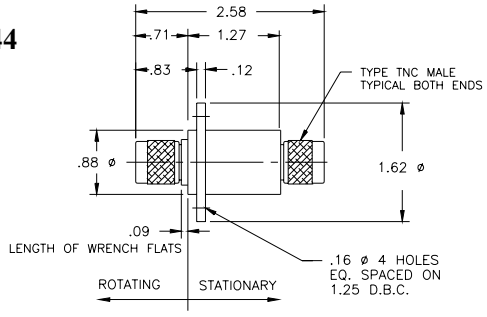
MODEL 305WF



MODEL 344



MODEL 344F



MODEL 344AF

MICSELLANIOUS:

1. Sage Laboratories Inc. “Standard Warranty and Order Terms and Conditions” apply to all orders.
2. All specifications subject to change without notice.
3. Check “Ordering and Availability Listing” for delivery and ordering information.
4. Contact our local Manufacturers Representative for pricing.

Specification Revision - 022003

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