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Find the *API Technologies / Weinschel M1403* at our website: ***Click HERE***

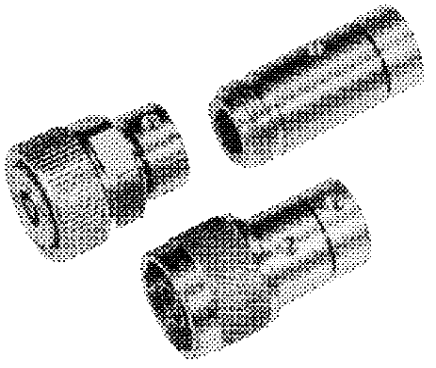
Weinschel
CORPORATION

Model 1403 & 1404
PRECISION COAXIAL TERMINATIONS

dc to 18.0 GHz

1 WATT

Type N or GPC-7 Connectors



FEATURES

- **Precision Connectors** - Interface dimensions per MIL-STD-348 Test connectors.
- **Rugged Construction** - Numerically controlled machining is used to produce high quality uniform parts with controlled concentricity and surface finishes. The result is excellent SWR repeatability.

SPECIFICATIONS

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 18.0 GHz

POWER RATING: 1 watts **average** to 25 C ambient temperature, derated linearly to 0.1 watts @ 85 °C.
1 kilowatt **peak** (5 μsec pulse width; 0.05 % duty cycle)

TEMPERATURE RANGE: -55 °C to +85 °C

MAXIMUM SWR (For power input not exceeding 100 mW average):

Model M\F1403:	≤ 1.10+ 0.0033f (GHz)
Model F1404N:	≤ 1.04+ 0.0023f (GHz)
Model M1404N:	≤ 1.02+ 0.0033f (GHz)
Model 1404WPC:	≤ 1.02+ 0.0023f (GHz)

CALIBRATION: SWR test data supplied at 2.0, 4.0, 8.0, 12.0 and 18.0 GHz. Other test data can be provided at additional cost.

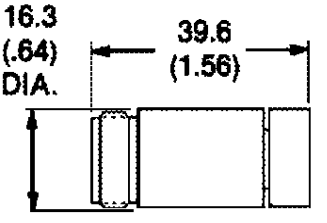
CONNECTORS: Type N connectors per MIL-STD-348 interface dimensions - mate nondestructively with MIL-C-39012 connectors. Choice of male or female connectors. When ordering, prefix model number with M for male and F for female. GPC-7 connectors mate with other 7 mm connectors conforming with IEEE-STD-287.

CONSTRUCTION: Gold plated brass body; stainless steel connectors; gold plated beryllium copper contacts.

WEIGHT: 1403\1404N: Net, 110 g (4 oz)
1404WPC: Net, 90 g (3 oz)

PHYSICAL DIMENSIONS:

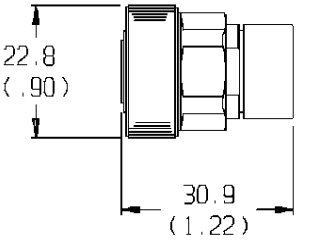
MODELS F1403\F1404



MODELS M1403\M1404



MODELS 1404WPC



NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.

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6/11/96

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