

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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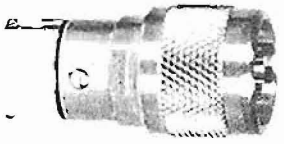
Find the *API Technologies / Weinschel 535-MN* at our website: ***Click HERE***

COAXIAL TERMINATIONS

MODEL 535
DC TO 12.4 GHz



MODEL 535-FN



MODEL 535-MN

FEATURES

- BROADBAND – Frequency range of DC to 12.4 GHz with Type N connector. Models with BNC and TNC connector have DC to 10 GHz range, useful to 12.4 GHz with slightly reduced performance.
- HIGH STABILITY – Low temperature and power coefficients resulting from reliable and properly aged film resistors ensure maximum stability.
- LOW VSWR – With Type N connectors, maximum VSWR is 1.15 to 10.0 GHz and 1.35 to 12.4 GHz.
- POWER CAPABILITY – 1 watt average input power, 1 kW peak.
- STAINLESS STEEL CONNECTORS – Available in choice of Type N, BNC, or TNC.
- CALIBRATION DATA – VSWR at seven frequencies supplied on data form.

SPECIFICATIONS

NOMINAL IMPEDANCE. 50 ohms.
FREQUENCY RANGE:
Model 535N: DC to 12.4 GHz.
Models 535B and 535T: DC to 10.0 GHz (useful to 12.4 GHz).
MAXIMUM VSWR (Average Input Power not Exceeding 100 mW):

Model No.	Frequency Range (GHz)	Maximum VSWR
535-MN & 535-FN	DC-1.0	1.03
	1.0-4.0	1.05
	4.0-10.0	1.15
	10.0-12.4	1.35
535-MB & 535-FB	DC-1.0	1.10
	1.0-4.0	1.20
	4.0-10.0	1.50
535-MT & 535-FT	DC-1.0	1.15
	1.0-4.0	1.20
	4.0-10.0	1.50

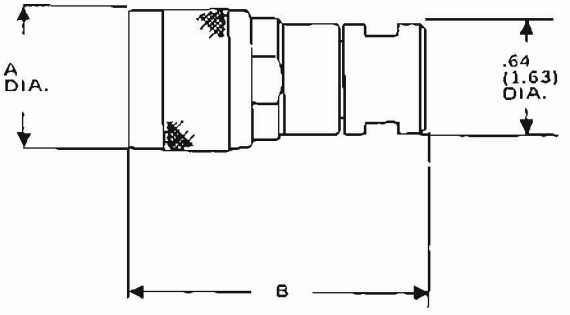
MAXIMUM INPUT POWER:
1 watt average.
1 kW peak pulse (5 usec. pulse length).
TEMPERATURE COEFFICIENT:
300 ppm/°C.
CONNECTORS:
Standard models available with Type N, BNC, or TNC. (Other type connectors available upon request.)

Model No.	Connector Type	Mates With Connectors Conforming to
535-MN	N Male	MIL-C-39012/2 (N Female)
535-FN	N Female	MIL-C-39012/1 (N Male)
535-MB	BNC Male	MIL-C-39012/17 (BNC Female)
535-FB	BNC Female	MIL-C-39012/16 (BNC Male)
535-MT	TNC Male	MIL-C-39012/27 (TNC Female)
535-FT	TNC Female	MIL-C-39012/26 (TNC Male)

CALIBRATION DATA:
Frequencies: DC, 0.4, 1.0, 2.0 4.0, 7.5 and 10.0 GHz. (Calibration at additional frequencies is available at a fee of $3.50/frequency.)
VSWR ACCURACIES:
0.4, 1.0 GHz: 2%
2.0, 4.0 GHz: 3%
7.5, 10.0 GHz: 5%

WEIGHT:
Net, 2 oz. (0.06 kg.); Shipping, 1 lb. (0.45 kg.)
FEDERAL STOCK NO.:
Model 535-FN: 5985-803-3600
Model 535-MN: 5985-754-8813
Model 535-MB: 5985-821-7367
Model 535-MT: 5935-918-2415

NOTE: Dimensions are given in inches (cm.) and are maximum unless otherwise specified.



Model No.	Dim. A		Dim. B	
	In.	Cm.	In.	Cm.
535-MN	.84	2.13	1.81	4.60
535-FN	.64	1.63	1.88	4.78
535-MB	.58	1.47	1.78	4.52
535-FB	.38	.97	1.81	4.60
535-MT	.58	1.47	1.75	4.45
535-FT	.44	1.12	1.63	4.14

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