



## **MAURY MICROWAVE CORPORATION MISSION STATEMENT**

Our mission is to meet our responsibilities and commitments for profitability and growth by being an organization known as a market leader in the manufacture and sale of technologically advanced, high quality microwave products.

This commitment requires that we continually improve the quality of our products, our operating systems, and our people.

Customer satisfaction is a key element of our mission. We must offer products which service market needs at prices which reflect their utility, quality and value, and are delivered on time. Customer satisfaction also requires that our business practices are ethical in dealings with our customers, our suppliers and our employees.

Growth in sales and profitability requires a balance between the worth of a product in the market and the cost to manufacture. Efficiency and quality are of paramount importance in maintaining that balance and will result from a satisfied, competent work force dedicated to servicing the customer with high quality, cost-effective products.

To achieve high levels of employee efficiency and quality, we are committed to providing: a drug-free, benign workplace free from environmental hazards, stress and harassment of any sort whether it be sexual, racial, religious or gender based; fair financial compensation commensurate with performance, competence and effort; and opportunity for growth.

We are further committed to accomplishing this mission while being a good neighbor in our community, that is, by providing employment opportunities and being sensitive to the environment.

### **ACKNOWLEDGEMENT**

This catalog was prepared by staff members from the Marketing, Engineering and Manufacturing departments of Maury Microwave Corporation. Special recognition is given to the following individuals for their many contributions:

David L. Gibbs, Publications Supervisor  
Sandi Cieluch, Graphic Artist

Sheila Keys, Publications Clerk

**Product Index** ..... ii

**Model Index** ..... iii

    200 through 4090 ..... iii

    7900 through 9526 ..... iv

    A007 through MT7660 ..... v

**General Information** ..... vi

    How to Order ..... vi

    Pricing and Quotations ..... vi

    Terms of Sale ..... vi

        Domestic ..... vi

        International ..... vi

    Shipment ..... vi

    Product and Specifications Changes ..... vi

    Product Selection ..... vii

    Service and Support ..... vii

        Warranty ..... vii

        Service Returns ..... vii

    Quality Profile ..... vii

**Maury Sales Representatives** ..... viii

    North America (USA and Canada) ..... viii

    Europe and International ..... ix

**About Maury** ..... x

**Precision Measurement Equipment** ..... 1

**Coaxial Components** ..... 102

**Waveguide Components** ..... 173

**Reference Material** ..... 192

***How to Contact Maury Microwave Corporation***

Corporate Address: 2900 Inland Empire Blvd.  
 Ontario, California 91764 USA

Marketing & Sales: TEL: (909) 987-4715 FAX: (909) 987-1112

World Wide Web: <http://www.maurymw.com>

Email: [maury@maurymw.com](mailto:maury@maurymw.com)

Maury Microwave products range in complexity from simple, passive transmission components, such as waveguide straight sections, to the sophisticated, computer-driven automated tuner systems used for fast, efficient noise, power and network characterization of active devices. These products, categorized as instruments, include vector network analyzer (VNA) calibration kits, and coaxial and waveguide components. The organization of this catalog generally reflects these classifications.

The instrument category is comprised of calibration kits for all popular VNAs in rectangular waveguide covering 1.12 to 110 GHz and coaxial line (all standard connector types, including BNC and TNC, covering DC to 50 GHz), measurement instruments for noise figure and related quantities, noise calibration systems and standards, and automated tuner systems including accessories such as bias supplies and transistor test fixtures.

The coaxial component section includes metrology components such as precision Air lines, two-port standards, sliding shorts and VNA calibration kit components (opens,

shorts, terminations - both fixed and sliding), tuners, directional couplers and power standard sets, and a full line of in-series and between-series adapters. All standard connector types are represented and some components are available with EIA rigid line connectors.

The Maury waveguide line also includes metrology components as well as tuners, isolators, directional couplers and transmission components (straight sections, bends etc.). Most waveguide components are available in all standard rectangular waveguide sizes from WR430 (1.7 to 2.6 GHz) through WR10 (75 to 110 GHz) – some are available in WR650 (1.12 to 1.7 GHz).

Although this catalog covers a wide range of products, please contact our Sales Department if you cannot find exactly what you need. We are very active in the design and manufacture of special devices and instruments to customer requirements as well as modifying existing items for specific applications. Please visit our web site at <http://www.maurymw.com> for the most current product information.

PRODUCT	PAGE
<b>Adapters</b>	
Coaxial .....	102
Test Port .....	46
Waveguide to Coaxial .....	177
Waveguide .....	173
<b>Air Lines</b> .....	149
<b>Active Tuning Test Sets (ATTS)</b> .....	74
<b>Automated Tuner Systems (ATS)</b> .....	49
<b>Cable Assemblies</b>	
Flexible .....	161
Semi-Rigid .....	162
<b>Calibration Kits, VNA</b>	
Coaxial .....	4
Waveguide .....	36
<b>Calibration Services</b> .....	48
<b>Connectors, Coaxial</b> .....	166
<b>Connector Gages</b> .....	171
<b>Directional Couplers</b>	
Coaxial .....	159
Waveguide .....	190
<b>Mismatches</b>	
Coaxial .....	137
Waveguide .....	184
<b>Noise Calibration Systems</b> .....	100
<b>Noise Measurement Instrumentation</b>	
Frequency Extenders .....	84
System Noise Monitors .....	86

PRODUCT	PAGE
<b>Noise Sources</b>	
Ambient .....	96
Cryogenic .....	92
Heated .....	97
Solid State .....	90
<b>Open Circuits</b> .....	147
<b>Short Circuits</b>	
Coaxial Fixed .....	141
Coaxial Sliding .....	145
Waveguide Fixed .....	185
Waveguide Offset .....	186
Waveguide Sliding .....	187
<b>Terminations</b>	
Coaxial Fixed .....	125
Coaxial Sliding .....	131
Waveguide Fixed .....	182
Waveguide Sliding .....	183
<b>Torque Wrenches</b> .....	172
<b>Transistor Test Fixture</b> .....	77
<b>Tuners</b>	
Automated .....	66
Coaxial .....	156
Waveguide .....	189
<b>Two-Port Standards</b>	
Coaxial .....	154
Waveguide .....	188
<b>Waveguide Components</b> .....	173
<b>Reference Material</b> .....	192



MODEL	PAGE
<b>200</b>	
232	In-series TNC Adapters ..... 123
<b>300</b>	
332	TNC Fixed Terminations ..... 126
335	HN Fixed Terminations ..... 129
336	SC Fixed Terminations ..... 129
351	BNC Fixed Terminations ..... 129
354	C Fixed Terminations ..... 129
360	3.5mm Fixed Short Circuits ..... 142
361	BNC Fixed Short Circuits ..... 141
364	C Fixed Short Circuits ..... 141
371	BNC Open Circuit Terminations ..... 148
<b>400</b>	
452	TNC Sliding Terminations ..... 135
453	Type N Sliding Terminations ..... 135
481	2.92mm Sliding Terminations ..... 133
481	MPC8 (OSSM) Sliding Terminations ..... 133
487	SMA Sliding Terminations ..... 135
493	Type N Sliding Terminations ..... 135
<b>1600</b>	
1643	Type N Slide Screw Tuners ..... 156-157
<b>1700</b>	
1719	SMA Double-stub Tuners ..... 158
1778	Type N Double-stub Tuners ..... 158
<b>1800</b>	
1819	SMA Triple-stub Tuners ..... 158
1878	Type N Triple-stub Tuners ..... 158
<b>1900</b>	
1909	SMA Sliding Short Circuits ..... 146
1959	SMA Sliding Short Circuits ..... 146
1978	Type N Sliding Short Circuits ..... 146
<b>2000</b>	
2002	7/8 EIA Directional Couplers ..... 160
2011	7/8 EIA to Type N Adapters ..... 123
2012	7/8 EIA to Type N Adapters ..... 123
2013	7/8 EIA to 1-5/8 EIA Adapters ..... 123
2023	7/8 EIA Sliding Terminations ..... 135
2027	7/8 EIA Open Circuit Terminations ..... 148
2049	7/8 EIA Directional Couplers ..... 160
<b>2100</b>	
2102	1 5/8 EIA Directional Couplers ..... 160
2111	1-5/8 EIA to Type N Adapters ..... 123
2112	1-5/8 EIA to Type N Adapters ..... 123
2123	1-5/8 EIA Sliding Terminations ..... 135
2127	1-5/8 EIA Open Circuit Terminations ..... 148
2149	1-5/8 EIA Directional Couplers ..... 160
<b>2400</b>	
2403	Precision Air Lines ..... 149
2406	14mm to Type N Adapters ..... 120
2407	14mm to 3.5mm Adapters ..... 120
2408	14mm Sliding Terminations ..... 135
2410	14mm Fixed Terminations ..... 128
2411	14mm Precision Mismatches ..... 138
2415	14mm Fixed Short Circuits ..... 143
2416	14mm Open Circuit Terminations ..... 147
2417	14mm to 7/8 EIA Adapters ..... 120
2418	14mm to 1-5/8 EIA Adapters ..... 120
2433	14mm to NMD3.5f Test Port Adapters ..... 46
2449	14mm Offset Short Circuits ..... 144
2450	14mm (GR900) VNA Calibration Kits ..... 4, 28

MODEL	PAGE
2453	14mm Reference Air Lines ..... 149
2454	14mm Two-port Mismatch Standard Sets ..... 154
2459	14mm Ambient Terminations ..... 96
2480	14mm (GR900) Rigid Line Connectors ..... 167
2498	Torque Wrenches ..... 172
<b>2500</b>	
2503	Type N Precision Air Lines ..... 151
2507	7mm & Type N Sliding Terminations ..... 136
2508	7mm & Type N Sliding Short Circuits ..... 145
2510	Type N Fixed Terminations ..... 125
2517	7mm & Type N Sliding Terminations ..... 136
2517	LPC7 (7mm) Sliding Terminations ..... 135
2518	7mm & Type N Sliding Short Circuits ..... 145
2553	Type N Reference Air Lines ..... 151
2561	Type N Standard Mismatches ..... 138
2562	Type N Standard Mismatches ..... 138
<b>2600</b>	
2601	7mm Sliding Terminations ..... 135
2603	7mm Precision Air Lines ..... 150
2604	7mm Sliding Short Circuits ..... 146
2606	7mm to Type N Adapters ..... 119
2607	7mm to 14mm Adapters ..... 119
2608	7mm Sliding Terminations ..... 132
2610	7mm Fixed Terminations ..... 128
2611	7mm Standard Mismatches ..... 138
2612	7mm Stub Tuners ..... 158
2615	7mm Fixed Short Circuits ..... 143
2616	7mm Open Circuit ..... 147
2617	7mm to 7/8 EIA Adapters ..... 119
2621	7mm to BNC Adapters ..... 119
2622	7mm to TNC Adapters ..... 119
2623	7mm to C Adapters ..... 119
2624	7mm to SC Adapters ..... 119
2625	7mm to SMA Adapters ..... 119
2633	7mm to NMD3.5f Test Port Adapters ..... 46
2640	7mm Slide Screw Tuners ..... 156-157
2647	7mm Sliding Short Circuits ..... 146
2649	7mm Offset Short Circuits ..... 144
2650	7mm VNA Calibration Kits ..... 4, 22-23
2653	7mm Reference Air Lines ..... 150
2654	7mm Two-port Mismatch Standard Sets ..... 154-155
2657	7mm to HN Adapters ..... 119
2659	7mm Ambient Terminations ..... 96
2680	7mm Air line & Panel Mount Connectors ..... 166-167
2681	7mm Semi-rigid Cable Connectors ..... 167
2683	7mm Micro-strip Connectors ..... 166
2697	7mm Connector Tool Kit ..... 166
2698	Torque Wrenches ..... 166, 172
<b>2700</b>	
2706	7-16 to Type N Adapters ..... 121
2707	7-16 to 7mm Adapters ..... 121
2710	7-16 Fixed Terminations ..... 129
2712	7-16 to 7-16 Adapters ..... 121
2714	7-16 Fixed Short Circuits ..... 143
2716	7-16 Open Circuit Terminations ..... 148
2735	7-16 Reference Air Lines ..... 152
2750	7-16 VNA Calibration Kits ..... 4, 26-27
2760	7-16 TRL Calibration Kits ..... 5, 34-35
<b>4000</b>	
4030	7mm Directional Couplers ..... 159
4090	14mm Directional Couplers ..... 159



# MODEL INDEX

MODEL	PAGE
<b>7900</b>	
7909	NMD2.4f Test Port Adapters ..... 46
7911	2.4mm Semi-rigid Cable Assemblies ..... 162
7921	2.4mm In-series Adapters ..... 117
7922	2.4mm to 7mm Adapters ..... 116
7923	2.4mm to Type N Adapters ..... 116
7926	2.4mm to 2.92mm Adapters ..... 116
7927	2.4mm to 3.5mm Adapters ..... 116
7941	2.4mm Slide Screw Tuners ..... 157
7943	2.4mm Precision Air Lines ..... 153
7960	2.4mm TRL Calibration Kits ..... 5, 30
<b>8000</b>	
8001	3.5mm Air line Connectors ..... 169
8001	3.5mm Air line Connector Tool Kit ..... 169
8002	3.5mm Panel Mount Connectors ..... 170
8003	3.5mm Semi-rigid Cable Connectors ..... 169
8003	3.5mm Semi-rigid Cable Connector Tool Kits ..... 169
8004	3.5mm Microstrip Launch Connectors ..... 170
8006	QT3.5mm™ Quick Test Connectors ..... 110-111
8009	3.5mm to NMD3.5f Test Port Adapters ..... 46
8011	3.5mm Semi-rigid Precision Bends ..... 162
8015	3.5mm Flexible Cable Assemblies ..... 161
8021	3.5mm In-series Adapters ..... 113
8022	3.5mm to 7mm Adapters ..... 109, 112
8023	3.5mm to Type N Adapters ..... 109, 112
8025	3.5mm to TNC Adapters ..... 109
8028	3.5mm to BNC Adapters ..... 109
8031	3.5mm Fixed Terminations ..... 127
8033	3.5mm Standard Mismatches ..... 139
8034	3.5mm Sliding Terminations ..... 132
8035	3.5mm Sliding Terminations ..... 133
8036	3.5mm Sliding Short Circuits ..... 145
8041	3.5mm Slide Screw Tuners ..... 156
8041	3.5mm Slide Screw Tuners ..... 157
8042	3.5mm Precision Air Lines ..... 152
8043	3.5mm Reference Air Lines ..... 152
8044	3.5mm Two-port Standards ..... 155
8045	3.5mm Slide Screw Tuners ..... 156
8045	3.5mm Slide Screw Tuners ..... 157
8046/7	3.5mm Fixed and Offset Short Circuits ..... 142, 144
8048	3.5mm Open Circuit Terminations ..... 148
8050	3.5mm VNA Calibration Kits ..... 4, 7-9
8060	3.5mm TRL Calibration Kits ..... 5, 31
<b>8100</b>	
8122	MPC8 (OSSM) to 7mm Adapters ..... 118
8123	MPC8 (OSSM) to Type N Adapters ..... 118
8125	MPC8 (OSSM) to 2.92mm Adapters ..... 118
<b>8400</b>	
8444	HN Open Circuit Terminations ..... 148
8445	HN Fixed Short Circuits ..... 141
8451	SC In-series Adapters ..... 124
8453	SC to Type N Adapters ..... 124
8455	SC Fixed Short Circuits ..... 141
8456/7	SC Offset Short Circuits ..... 144
8459/60	SC Open Circuit Terminations ..... 148
8491	C Open Circuit Terminations ..... 148
<b>8500</b>	
8550	BNC VNA Calibration Kits ..... 4, 18-19
8580	BNC 75 ohm VNA Calibration Kits ..... 4, 18-19
8582	BNC 75 ohm to 7mm Adapters ..... 124
8583	BNC 75 ohm Fixed Terminations ..... 130
8584	BNC 75 ohm Fixed Short Circuits ..... 141
8585	BNC 75 ohm Open Circuit Terminations ..... 148
<b>8600</b>	
8606/7	TNC Offset Short Circuits ..... 144

MODEL	PAGE
8609/10	TNC Open Circuit Terminations ..... 148
8611/12	TNC Standard Mismatches ..... 138
8615	TNC Fixed Short Circuits ..... 141
8619	TNC to NMD3.5f Test Port Adapters ..... 46
8650	TNC VNA Calibration Kits ..... 4, 16-17
8680	AFTNC VNA Calibration Kits ..... 4, 10-11
8682	AFTNC to 3.5mm Adapters ..... 109
8683	AFTNC Sliding Terminations ..... 135
8684	AFTNC Precision Fixed Terminations ..... 126
8685	AFTNC Open Circuit Terminations ..... 148
8686	AFTNC Gen. Purpose Fixed Short Circuits ..... 141
8688	AFTNC to AFTNC In-Series Adapters ..... 123
8691	NMD3.5 Female to AFTNC Test Port Adapters .. 46
8692	AFTNC to 7mm Adapters ..... 119
8694	Type N to AFTNC Adapters ..... 105
<b>8700</b>	
8714	2.92mm In-series Adapters ..... 115
8719	2.92mm to NMD2.92f Test Port Adapters ..... 46
8723	2.92mm to Type N Adapters ..... 114
8725	2.92mm to 7mm Adapters ..... 114
8770	2.92mm (K) VNA Calibration Kits ..... 4, 20-21
8771/72	2.92mm Fixed and Offset Short Circuits ..... 144
8773	2.92mm Open Circuit Terminations ..... 148
8774	2.92mm Reference Air Lines ..... 153
8775	2.92mm Fixed Terminations ..... 127
8777	2.92mm Sliding Terminations ..... 132
8778	2.92mm Standard Mismatches ..... 139
8779	2.92mm Sliding Short Circuits ..... 145
8780	OSP™ VNA Calibration Kits ..... 4, 24-25
8799	Torque Wrenches ..... 172
<b>8800</b>	
8801	Type N In-series Adapters ..... 107
8803	Type N In-series Adapters ..... 107
8806	Type N Fixed & Offset Short Circuits ..... 144
8807	Type N Fixed & Offset Short Circuits ..... 144
8809	Type N Open Circuit Terminations ..... 148
8810	Type N Open Circuit Terminations ..... 148
8816	Type N to SMA Adapters ..... 105
8817	Type N to TNC Adapters ..... 105
8820	Type N to HN Adapters ..... 105
8821	Type N to BNC Adapters ..... 105
8822	Type N to C Adapters ..... 105
8828	Type N In-series Phase-matched Adapters ..... 106
8829	Type N to NMD3.5f Test Port Adapters ..... 46
8834	Type N Sliding Terminations ..... 132
8850	Type N VNA Calibration Kits ..... 4, 12-14
8860	Type N TRL Calibration Kits ..... 5, 32
8880	Type N, 75 ohm VNA Calibration Kits ..... 4, 15
8882	Type N 75 ohm Adapters ..... 108
8883	Type N 75 ohm Fixed Terminations ..... 130
8884	Type N 75 ohm Fixed Short Circuits ..... 141
8885	Type N 75 ohm Open Circuit Terminations ..... 148
<b>8900</b>	
8910	Type N Semi-rigid Cable Assemblies ..... 162
8911	Type N Semi-rigid Cable Assemblies ..... 162
8913	Type N Flexible Cable Assemblies ..... 161
8917	7mm Semi-rigid Cable Assemblies ..... 162
8918	Precision N Flexible Cable Assemblies ..... 161
8921	SMA Semi-rigid Cable Assemblies ..... 162
8922	7mm Flexible Cable Assemblies ..... 161
8926	SMA Flexible Cable Assemblies ..... 161
8944	Test Port Cable/Adapter Kits ..... 163-165
8950/51	Type N Semi-rigid Cable Assemblies ..... 162
<b>9500</b>	
9526	7mm Semi-rigid Precision Bends ..... 162



MODEL	PAGE
<b>A000</b>	
A007	Type N Connector Gages ..... 171
A012	BNC, TNC Connector Gages ..... 171
A020	Type N Connector Gages ..... 171
A025	Multiple Connector Gages ..... 171
A027	SMA Connector Gages ..... 171
A028	7mm Connector Gages ..... 171
A034	3.5mm, 2.92mm Connector Gages ..... 171
A035	2.4mm Connector Gages ..... 171
A039	OSP™ Connector Gages ..... 171
A041	7-16 Connector Gages ..... 171
A042	SMP/GPO™ Connector Gages ..... 171
A045	Multiport Connector Gages ..... 171
A046	ZMA/BZ Connector Gages ..... 171
<b>(a)100</b> <span style="border: 1px solid black; padding: 0 2px;">1</span>	
(a)101	Rectangular Waveguide Straight Sections ..... 174
(a)102	Rectangular Waveguide Straight Sections ..... 174
(a)103	Test Port Adapters – Millimeter ..... 174
(a)106	Millimeter Waveguide Straight Sections ..... 174
(a)142	45° Twists ..... 174
(a)145	90° Twists ..... 174
(a)160	Tapered Transitions ..... 175
(a)161	Step Transitions ..... 175
(a)166	Minimum Length Flange Adapters ..... 176
<b>(a)200</b> <span style="border: 1px solid black; padding: 0 2px;">1</span>	
(a)200	3.5mm Right Angle Adapters ..... 179
(a)207	MPC8 (SSMA) Right Angle Adapters ..... 179
(a)209	7mm Right Angle Adapters ..... 179
(a)210	SMA and 2.92mm Right Angle Adapters ..... 179
(a)211	SMA and 2.92mm Right Angle Adapters ..... 179
(a)213	Type N Right Angle Adapters ..... 179
(a)214	Type N Right Angle Adapters ..... 179
(a)215	TNC Right Angle Adapters ..... 179
(a)216	TNC Right Angle Adapters ..... 179
(a)221	Type N End Launch Adapters ..... 181
(a)223	SMA End Launch Adapters ..... 181
(a)225	MPC8 (SSMA) End Launch Adapters ..... 181
(a)229	7mm End Launch Adapters ..... 181
(a)230	3.5mm End Launch Adapters ..... 41, 181
(a)233	2.92mm End Launch Adapters ..... 41, 181
(a)236	2.4mm Right Angle Adapters ..... 179
(a)237	2.4mm End Launch Adapters ..... 181
<b>(a)300</b> <span style="border: 1px solid black; padding: 0 2px;">1</span>	
(a)301	Fixed Terminations ..... 182
(a)309	Ambient Terminations ..... 96
(a)313	Sliding Terminations ..... 183
(a)314	Sliding Terminations ..... 183
(a)320	Sliding Mismatches ..... 184
(a)322	Two-port Standards ..... 188
(a)340	Offset Short Circuits ..... 186
(a)341	Sliding Short Circuits ..... 187
(a)344	Fixed Short Circuits ..... 185
(a)345	Sliding Short Circuits ..... 187
(a)347	Sliding Short Circuits ..... 187
(a)353	Slide-screw Tuners ..... 189
<b>(a)400</b> <span style="border: 1px solid black; padding: 0 2px;">1</span>	
(a)410	Directional Couplers ..... 190-191
<b>(a)7000</b> <span style="border: 1px solid black; padding: 0 2px;">1</span>	
(a)7005	Waveguide VNA Calibration Kits ..... 5, 36-37
(a)7005	Millimeter Wave VNA Calibration Kits ..... 5, 42-45
(a)7006	Waveguide VNA Calibration Kits ..... 5, 38-39
(a)7007	Waveguide TRL VNA Calibration Kits ..... 5, 40-41

MODEL	PAGE
<b>MT150</b>	
MT152	Pressurizing Systems ..... 95
MT154	Power Adapters ..... 95
MT155	NCS Controllers ..... 101
<b>MT800</b>	
MT868	Frequency Extenders/ATS ..... 82
<b>MT900</b>	
MT925	Maury/PAF Active Load Pull System ..... 74
MT950	Transistor Test Fixtures (TTF) ..... 77-79
MT956	Fixture Characterization Software ..... 80-81
MT975/76	Millimeter Wave Automated Tuners ..... 72
MT977/78/79	Millimeter Wave Automated Tuners ..... 72
MT980	Automated Tuner Systems (ATS) ..... 51
MT981	Automated Tuners ..... 67-68
MT982	Automated Tuners ..... 69
MT983	Automated Tuners ..... 70
MT984	2.4mm Automated Tuner ..... 71
MT986	Automated Tuner Controllers ..... 75
MT993	ATS Power Application Software ..... 50-51, 54-55
MT993	ATS Noise Application Software ..... 50-51, 56-57
MT993	ATS Dynamic Pre-Matching Function ..... 58
MT993	ATS Signal Synthesis Software Module ..... 54
MT993	ATS IMD/ACP Application Software ..... 59
MT998	System Control Unit (ATS) ..... 76
MT999	Automated Harmonic Tuner ..... 73
<b>MT7000</b>	
MT7005	Waveguide Thermal Terminations ..... 99
MT7009	Waveguide Thermal Terminations ..... 99
MT7021/2/3/5/7	Waveguide Cryogenic Terminations ..... 94
MT7033/5	Waveguide Cryogenic Terminations ..... 94
MT7040/1/2	Waveguide Cryogenic Terminations ..... 94
MT7043/4	Waveguide Cryogenic Terminations ..... 94
MT7071	Waveguide Cryogenic Terminations ..... 94
MT7081/2	Waveguide Thermal Terminations ..... 99
MT7084/5/6/8	Waveguide Thermal Terminations ..... 99
MT7091/2/3	Noise Calibration Systems ..... 101
MT7094/5	Noise Calibration Systems ..... 101
MT7097/8	Noise Calibration Systems ..... 101
<b>MT7100</b>	
MT7108	7mm Thermal Terminations ..... 98
MT7118	7mm Cryogenic Terminations ..... 93
<b>MT7200</b>	
MT7208J	Tri-load Noise Calibration Systems ..... 101
<b>MT7300</b>	
MT7310	System Noise Monitors ..... 86
MT7320	System Noise Monitors ..... 86
MT7321	Radar System Noise Monitors ..... 87
MT7360	System Noise Monitors ..... 86
MT7370	System Noise Monitors ..... 86
MT7371	Radar System Noise Monitors ..... 87
<b>MT7500</b>	
MT7550	Frequency Extenders ..... 84-85
MT7551	Frequency Extenders ..... 84-85
MT7552	Frequency Extenders ..... 84-85
<b>MT7600</b>	
MT7615/16	Noise Generators ..... 90-91
MT7618/19/20	Noise Generators ..... 90-91
MT7626	Noise Generators ..... 90-91
MT7650/60	High Level Noise Generators ..... 89

1 Waveguide models are preceded by alpha characters which indicate band width. See page 173 for band designations.

## How to Order

Orders may be placed directly with the factory or in care of your nearest Maury sales representative. For orders originating outside the United States, we recommend placing the order with your local Maury

sales representative. Maury maintains an extensive network of sales representatives throughout the world. A list of Maury sales offices and representatives can be found on pages viii and ix.<sup>1</sup>

## Pricing and Quotations

The prices for an order are those prevailing at the time the order is placed except in those instances where the price is established by a formal quotation. Maury Microwave reserves the right to change prices at any time without notice. Price and availability of

products with custom or special features must be verified by a valid, formal factory quotation. Maury quotations are valid for a maximum of 30 days. Extensions of quotation validity beyond 30 days can be granted only by the factory.

## Terms of Sale

### Domestic

Terms are net 30 days from the date of invoice for customers with established credit F.O.B. Ontario, California. Please refer to Maury Form 228<sup>2</sup> for complete terms and conditions.

### International

Please refer to Maury Form 250<sup>2</sup>. Sales to Canada are covered by Maury Form 251<sup>2</sup>.

## Shipment

All shipments are at the buyer's expense. Shipments are normally made using methods and carriers specified by the customer. In the absence of specific instructions, Maury will ship at our discretion by the most advantageous method. All shipments are F.O.B. the Maury Microwave factory in Ontario, California and, unless otherwise specified, will be

insured at full value at the customer's expense. Shipments are packed to provide ample safety margin against transit damage, and there is no charge for regular packing requirements. Additional charges are applicable to MIL-SPEC preservation, packaging, packing and marking.

## Product and Specifications Changes

The information, illustrations and specifications contained in this catalog were current at the time of publication<sup>1</sup>. Maury Microwave is continually striving to upgrade and improve our product offering and therefore, reserves the right to change specifications, designs and models without notice and without incurring any obligation to incorporate new features on products previously sold.

Because products are changed or improved with time, we recommend that you consult with your local Maury representative, or our factory Sales Department staff for current pricing and product data before placing your order<sup>1</sup>.

<sup>1</sup> Visit our web site at <http://www.maurymw.com> for the most current information.

<sup>2</sup> Copies of these forms are available on request, or may be downloaded from our web site in ".pdf" format.



## Product Selection

Maury representatives and sales office personnel are well-qualified to provide assistance in product selection, as well as current price and availability.

In addition, our factory applications engineers are ready to assist you with any technical or applications questions you may have.

## Service and Support

### Warranty

Maury Microwave is highly confident that our products will perform to the high levels that our customers have come to expect. As an expression of that confidence, our products are warranted as noted in the abbreviated warranty statements below [1](#) [2](#).

Maury Microwave hardware products are warranted against defects in material and workmanship for a period of one year after delivery to the original purchaser. If a Maury manufactured hardware product is returned to the factory with transportation prepaid and it is determined by Maury that the product is defective and under warranty, Maury will service the product, including repair or replacement of any defective parts thereof. This constitutes Maury's entire obligation under this warranty.

Maury warrants that, for a period of ninety (90) days following purchase, software products, including firmware for use with and properly installed on a Maury designated hardware product, will operate substantially in accordance with published specifications, and that

the media on which the product is supplied is free from defects in material and workmanship. Maury's sole obligation under this warranty is to repair or replace a nonconforming product and/or media, provided Maury is notified of nonconformance during the warranty period. Maury does not warrant that the operation of the product shall be uninterrupted or error-free, nor that the product will meet the needs of your specific application. The warranty does not apply to defects arising from unauthorized modifications, misuse or improper maintenance of the product. Warranty service is available at our primary facility in Ontario, California.

### Service Returns

Repair and calibration services are available for Maury products for as long as replacement parts are available. On some instruments, support services may be available for up to ten years.

## Quality Profile

Maury Microwave Corporation enjoys a well-earned reputation for excellent, technically advanced products that are reliable, meet specifications, and provide a quality appearance. Maintaining and improving on this reputation requires adherence to strict quality standards that are set forth in a formal Quality Department Manual. This manual is distributed to all Maury managers, inspectors, and technicians. The Quality Manual can be reviewed by our customers at our facility in Ontario, California.

Maury's inspection and calibration systems are in accordance with MIL-I-45208A and MIL-STD-45662A, respectively. Our overall quality system has been approved through in-house surveys by many of our customers including the U.S. Government. Our laboratory is ANSI/NCSL Z540-1 compliant with traceability to NIST.

We are currently pursuing compliance to ISO10012-1.

[1](#) For a complete statement of the hardware warranty, please see Form 228, Terms and Conditions of Sales.

[2](#) For a complete statement of the software warranty, please see Form 273, Maury License Agreement.

