

## 1.4. UNIT SPECIFICATIONS

## MODELS 6104, 6154, 6155, 6156 TERMALINE® WATTMETER

<b>Impedance</b> .....	50 ohms nominal	
<b>VSWR</b> .....	1.1:1 maximum across unit frequency range	
<b>Connectors</b>		
Models 6104, 6154, 6156 .....	Female N	
Model 6155 .....	Bird "QC" type female N normally supplied	
<b>Load Power Rating</b>		
Model 6104 .....	80 W continuous	
Models 6154, 6155, 6156 .....	150 W continuous	
<b>Power Scales</b>		
	<b>Low Scale</b>	<b>High Scale</b>
	(Black)	(Red)
Model 6104 .....	0-2 & 0-20	0-6 & 0-60
Models 6154, 6156 .....	0-5 & 0-50	0-15 & 0-150
Model 6155 .....	0-50 & 0-150	
<b>Frequency Range</b>		
Model 6154 .....	25-1000 MHz	
Models 6104, 6156 .....	25-512 MHz	
Model 6155 .....	2-30 MHz	
<b>Accuracy</b>		
Models 6104, 6155, 6156 .....	±5% of full scale	
Model 6154 (512-1000 MHz) .....	±10% of full scale	
<b>Dimensions</b>		
Model 6104 .....	9-5/8"L x 3-61/64"W x 6-3/8"H (244.5 x 100 x 162 mm)	
Models 6154, 6156 .....	12-5/32"L x 3-61/64"W x 6-3/8"H (309 x 100 x 162 mm)	
Model 6155 .....	12-27/32"L x 3-15/16"W x 6-11/32"H (326 x 100 x 161 mm)	



**UNIT SPECIFICATIONS [CONT.]**

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**Coolant Capacity** . . . . . 0.1 gal. (378.5 ml)  
approximate

**Weight**

Model 6104 . . . . . 7 lb (3.2 kg)  
Models 6154, 6155, 6156 . . . . . 8 lb (3.6 kg)

**Operating Position**

Load . . . . . Horizontal only  
Meter housing . . . . . Vertical or flat

**Finish** . . . . . Gray enamel

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**REPLACEMENT PARTS LIST [CONT.]**

<b>ITEM</b>	<b>QUANTITY</b>	<b>DESCRIPTION</b>	<b>PART NUMBER</b>
8	1	DC plug	7500-076
9	1	Meter mount shock strip	5-1066
10	1	Meter shock mount	4220-087
11	1	Crystal diode	7500-147
12	1	Toggle switch	5A2154
13	1	Handle	2400-017
14	1	Clamp band assembly	7500-254
15	1	DC cable (includes item 8)	4220-097-2
16	1	Diaphragm	2400-015
17	1	Diaphragm cap	2400-050
18	1	Chain & anchor assembly	6700-021
19	1	Bumper foot	5-049
20	2	Gasket	7500-153

NOTE - The resistor voltmeter assembly is only supplied factory-calibrated and includes crystal diode, chain and anchor assembly, and gaskets.

**6.3. MODEL 6155**

<b>ITEM</b>	<b>QUANTITY</b>	<b>DESCRIPTION</b>	<b>PART NUMBER</b>
1	1	RF section assembly	8130-015
2	1	Radiator assembly	2400-053
		Element assembly	4271-070
3	0.1 gallon (378.5ml)	Coolant	5-030
			1 pint container (473ml)
4	1	Slide switch	6155-004
5	1	Meter	2080-329
6	1	Radiator seal O-Ring	5-229
7	1	DC plug and cable assembly	4220-097-1
8	1	QC connector	See below*
9	1	Handle	2400-017
10	1	Clamp band assembly	7500-254
11	1	DC plug only	7500-076
12	1	Diaphragm	2400-015
13	1	Diaphragm cap	2400-050
14	4	Bumper feet	5-049