

ADDENDUM

ISSUE: APRIL 29, 2008

TM6675A-C-00_v1 Replace page 2-3 in VOLUME I TECHNICAL MANUAL FOR MODEL 6675A with the page provided to include use of the range extender for lower resistance measurements down to 10 micro-ohms

2.3.RESISTANCE MEASUREMENT SPECIFICATIONS

Rx RANGE	RESOLUTION ±ppm FS	UNCERTAINTY @23±5°C 1 year				NOISE LIMITS	
		Ratio <1		Ratio ≥1		Voltage 1nV ppm (max)	Current 0.1uA ppm (max)
		ppm of Ratio + ppm/Ratio	with 6623*	ppm of Ratio	with 6623*		
0.01mΩ - 0.1mΩ	0.1	N/A	1.2+0.5	N/A	N/A	N/A	N/A
0.1mΩ - 1mΩ	0.01	N/A	1.2+0.5	N/A	N/A	N/A	N/A
1mΩ - 10mΩ	0.001	50+20	1.2+0.5	50	1.2	< 1.0	< 0.01
10mΩ - 100mΩ	0.001	50+20	1.2+0.5	5	1.2	< 1.0	< 0.01
0.1Ω - 1Ω	0.001	0.5+0.2		0.5		< 0.1	< 0.001
1Ω - 10Ω	0.001	0.1+0.06		0.1		< 0.01	0.001
10Ω - 100Ω	0.001	0.1+0.04		0.1		< 0.003	0.01
100Ω - 1kΩ	0.001	0.1+0.04		0.1		N/A	0.01
1kΩ - 10kΩ	0.001	0.15+0.04		0.15		N/A	0.1
10kΩ - 100kΩ	0.001	0.35+0.04		0.35		N/A	0.1
100kΩ - 1MΩ	0.001	0.5+0.1		0.5		N/A	0.1
1MΩ - 10MΩ	0.001	0.75+0.3		0.75		N/A	0.1
10MΩ - 100MΩ	0.001	2.5+1.0		2.5		N/A	1.0
100MΩ - 1GΩ	0.001	8.0+3.0		8.0		N/A	10

* Guildline Model 6623 High Current Range Extender using a reference resistance value of 1 ohm or higher.

Table 2-3 : Resistance Measurement Specifications