

Model Number <b>070A103</b>	<b>649 SERIES USB PROGRAMMER</b>	Revision: NR ECN #: 46457
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	<u>ENGLISH</u>	<u>SI</u>
<b>Performance</b>		
Cable Style	Multi Conductor - Shielded	Multi Conductor - Shielded
Number of Conductors	2	2
Connector Model(sensor side)	AE	AE
Connector Style(sensor side)	MIL-C-5015	MIL-C-5015
Connection Type(sensor side)	2-socket	2-socket
Coupling Method(sensor side)	Push-on	Push-on
Connector Style(termination)	USB 2.0 - 5VDC	USB 2.0 - 5VDC
Connection Type(termination)	USB Series A	USB Series A
Coupling Method(termination)	Push-on	Push-on
<b>Physical</b>		
Size (Length x Height x Width)(termination)	2.0 in x 0.5 in x 1.0 in	50.8 mm x 12.7 mm x 25.4 mm
Cable Jacket Diameter	0.16 in	4.1 mm
Cable Jacket Material	Polyurethane	Polyurethane
Cable Jacket Color	Black	Black
Weight	0.15 lb	70 g
Size (Length)(Cable Assembly)	3 ft	0.91 m

**OPTIONAL VERSIONS**

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

**NOTES:**  
[1] See PCB Declaration of Conformance PS039 for details.

Entered: LK	Engineer: gs	Sales: MC	Approved: BAM	Spec Number:
Date: 8/24/2017	Date: 8/24/2017	Date: 8/24/2017	Date: 8/24/2017	<b>66518</b>



*All specifications are at room temperature unless otherwise specified.  
In the interest of constant product improvement, we reserve the right to change specifications without notice.*

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