

Datasheet

Banana Silicone Lead

No. 1602403 // MSB-300 black 0.5m

No. 1602750 // MSB-300 red 0.5m

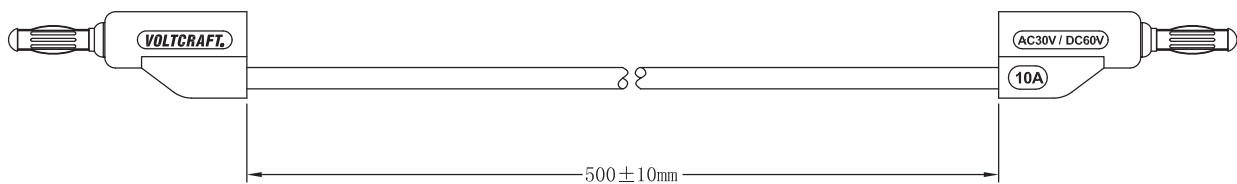
No. 1602756 // MSB-300 blue 0.5m

No. 1602763 // MSB-300 yellow 0.5m

No. 1602770 // MSB-300 green 0.5m

No. 1602777 // MSB-300 white 0.5m

The VOLTCRAFT measuring cable MSB-300 consists of a particularly flexible cable with welded 4 mm Lammellen plugs. The cable material is reinforced with particularly tear-resistant plastic fibers to increase the tensile strength. The measuring lead is insulated with silicone and insensitive to heat damage that can occur when working with hot soldering iron. The measuring cable is double-insulated in two colors. If the first insulating layer is damaged, a different colored insulation is revealed. In addition, the hard nickel-plated surface finish of the 4 mm Lammellen plug allows a high number of mating cycles.



Technical data

Cable length	0.5 m
Conductor size.....	18AWG
Pin dimensions	4 mm
Type of contact	Spring-loaded pin
Cable type	Silicone
Cable specifications.....	Ø 3.6 mm, 0.85 mm ²
Wire stranding	62 x 7 PLY
Rated voltage	30 V/AC // 60 V/DC
Measurement category acc. to IEC61010	CAT I
Rated current.....	10 A
Contact resistance.....	0.005 Ω

Material

Contact material	Contact pin: brass // Contact spring: copper-beryllium
Contact surface material.....	Nickel, alternative gold
Housing material.....	PVC
Cable material	Silicone
Cable conductor material.....	Copper
Wire conductor	Copper (tin-coated) +200D bulletproof wire
Cable insulation layer	Silica gel
Cable coating.....	Silica gel
Available colours	Black // Red // Blue // Green // Yellow // White

Environmental conditions

Temperature range	-10 to +70°C
-------------------------	--------------

Inflammable class

Housing	UL 94 V-0
---------------	-----------

This is a publication by Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau (www.conrad.com). All rights including translation reserved. Reproduction by any method, e.g. photocopy, microfilming, or the capture in electronic data processing systems require the prior written approval by the editor. Reprinting, also in part, is prohibited. This publication represent the technical status at the time of printing.

© Copyright 2019 by Conrad Electronic SE.