

## Datasheet

### Banana Silicone Lead

No. 1602749 // MSB-300 black 2m

No. 1602751 // MSB-300 red 2m

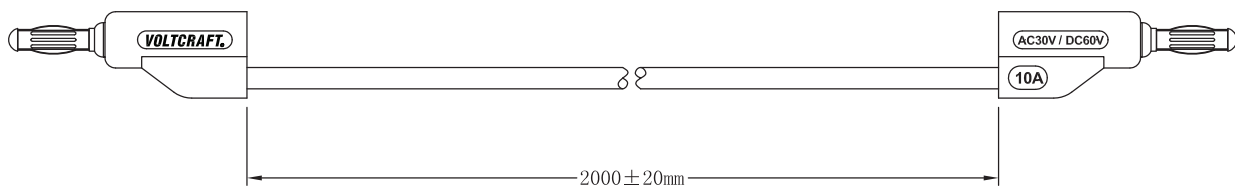
No. 1602760 // MSB-300 blue 2m

No. 1602767 // MSB-300 yellow 2m

No. 1602774 // MSB-300 green 2m

No. 1602781 // MSB-300 white 2m

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 .....	2 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 <sup>2</sup>
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.....	0.036 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
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## Inflammable class

Housing .....	UL 94 V-0
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