

# Solder wire YS-RMA-NP503

## Product description

GENMA solder wire – our YS-RMA-NP503 solder wire convinces with its extremely quick wetting properties for manual soldering. Its quick and excellent wetting properties allow a rapid soldering process, also on difficult surfaces. Cleaning after soldering is not necessary.

## Technical properties

	Specific value				Testing method
<b>Diameter (mm)</b>	0,15	0,3	0,5 / 0,6	0,8 / 1,0 / 1,2 / 1,6	
<b>Weight spindle (g)</b>	50	250	500	1000	
<b>Flux type</b>	ROL1, no clean				IPC J-STD-004B
<b>Flux content (wt%)</b>	3,18 ± 0,30 %				IPC-TM-650 2.3.34.1
<b>Halide content (wt%)</b>	0,07 ± 0,03 %				IPC-TM-650 2.3.35
<b>Insulation resistance (Ω)</b>	> 1 x 10 <sup>12</sup> ( 40°C 90% rel. humidity )				IPC-TM-650 2.6.3.3
<b>Insulation resistance (Ω)</b>	> 1 x 10 <sup>9</sup> ( 85°C 85% rel. humidity )				IPC-TM-650 2.6.3.3
<b>Migration</b>	non				IPC-TM-650 2.6.14
<b>Recommended solder tip temperature (°C)</b>	330 - 350				
<b>Recommended storage (°C)</b>	0 - 40				

## Alloys

Name	Alloy	Melting temperature range	Advantages
<b>NP503</b>	Sn 99,3 / Cu 0,7	227 - 228	Silver free, low-cost

## Compliance

Conform with RoHS-Regulation 2011/65/EU and 2015/863/EU

Contains no substances more than threshold (0,1%) according to REACH legislation EG Nr. 1907/2006 (SVHC-list - dated 26.06.2024)