

# Solder wire YH-4-NP303

## Product description

GENMA solder wire – our YH-4-NP303 solder wire is halogen-free according to Apple standards. It convinces with its quick wetting properties and little spatter. This solder wire develops only little fumes during soldering. Cleaning after soldering is not necessary.

## Technical properties

	Specific value				Testing method
<b>Diameter (mm)</b>	0,15 / 0,2	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>	ROL0				IPC-TM-650 2.3.34.1
<b>Flux content (wt%)</b>	4,5 ± 0,50 %				IPC-TM-650 2.3.34.1
<b>Halide content (wt%)</b>	< 0,01				IPC-TM-650 2.3.35
<b>Insulation resistance (Ω)</b>	> 1 x 10 <sup>11</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>	keine				IPC-TM-650 2.6.14
<b>Recommended solder tip temperature (°C)</b>	350 ± 20				
<b>Recommended storage (°C)</b>	0 - 40				

## Alloys

Name	Alloy	Melting temperature range	Advantages
<b>NP303</b>	Sn 96,5 / Ag 3,0 / Cu 0,5 / SAC305	217 - 221	Standard alloy, excellent wetting

## 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)