

## INSULATED BOOTLACE FERRULES FOR DUAL CABLES

3003.0

HZL 0.5, 0.5 x 8mm, Dual Ferrule, Orange

- Funnel feed-in made of polypropylene
- Heat resistant up to 120 °C
- For wires from 0.5...150 mm<sup>2</sup>
- Material: E-Cu/A-Cu, galvanically tin-plated



### PRODUCT DESCRIPTION

These insulated bootlace ferrules for dual cables are expertly engineered to terminate two separate conductors in a single ferrule, thanks to a specially shaped polypropylene collar that allows funnel-style wire entry. Designed to accommodate twin conductors ranging from 0.5 mm<sup>2</sup> up to 16 mm<sup>2</sup>, these connectors provide a tin-plated copper alloy tube that is heat resistant up to 120 °C. The ferrule's construction incorporates E-Cu/A-Cu conductors and galvanic tin plating for excellent corrosion resistance and electrical conductivity. Colour-coding and compliance with multiple standards, ensure correct wire sizing and global applicability. Available tube lengths span 8 to 25 mm, with full dimensions and strip lengths specified for precise, reliable installation. In practical use, these ferrules greatly improve electrical installation quality within industrial control panels, sensor systems, safety interlocks, and motor drives. They prevent stray copper strands from causing shorts, promote secure and repeatable screw-terminal connections, and protect conductors during maintenance or component swaps. Their twin-wire capability is especially useful in applications involving paired conductors like sensor feedback lines or dual-phase power feeds, reducing connector count and improving terminal organisation. The polypropylene collar not only aids in wire insertion but also delivers mechanical strain relief and vibration resistance, critical in machinery and automation environments. In summary, these ferrules offer a compact, code-compliant, and reliable solution for terminating dual conductors efficiently and safely.

## TECHNICAL DATA

### GENERAL DATA

Colour	Orange
Cross section max	0.5 mm <sup>2</sup>
Rated wire cross section to (AWG)	20

### DIMENSIONS

Length	14 mm
Stripping length	11 mm

### MATERIALS

Contact surface	Galvanic tin-plated, shiny
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Operating temperature from	-5 °C
Operating temperature to	105 °C

### ADDITIONAL DATA

Tariff code	85369010
Country of origin	DE
Weight	0.14 g
Pack size	500
Plastic collar	Polypropylene-homopolymer
Thickness of collar	0.3 mm
Thickness of tube	0.15 mm
Standard	German Standard
Conductor tube	Copper alloy
Diameter of tube	1.4 mm
DIN 46228-1:1992	No
DIN 46228-4:1990	Yes
Length of tube	8 mm

