

# FIELD TERM PLUG THE LYRA RJ45 CAT.6A UTP - DATASHEET

*Posted on 08-04-2026 by barpaadminuser*



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## FIELD TERM PLUG THE LYRA RJ45 CAT.6A UTP

### DESCRIPTION

Designed for fast, reliable and tool-free termination making it ideal for high-performance data networks and demanding industrial environments. Its compact and robust design ensures easy installation in confined spaces.



### APPLICABLE STANDARDS

- ISO/IEC 11801 ed.2.2 • DIN EN 50173-1 • IEC 60603-7-51
- ANSI/TIA 568.2-D • IEEE 802.3af • IEC 60529
- EN IEC 62368-1:2024+AT1:2024 • EN 55032:2015+AT1:2020
- EN 55035:2017+AT1:2020 • Directive 2011/65/EU (RoHS)



### FEATURES

Category 6A acc. to ISO/IEC 11801
T568-B Wiring Schemes
Carefully designed PCB circuit board reduces EMI/RFI interferences
Compatible with 23–24 AWG cables for flexible installation
Pre-Assembled Protection Cap
Performance supporting up to 10 Gigabit Ethernet
Tool-free and easy installation
Supports multiple re-terminations

### MECHANICAL CHARACTERISTICS

Material	Polycarbonate (PC)
Contact Material	Phosphor Bronze
Color	Silver and black protection cap
Cable Outer diameter	≤ 7,2 mm
Life	≥ 1000 mating cycles
Insertion Force	≤ 30N
Contact Finishing	50µ " Gold Plate

### ELECTRICAL CHARACTERISTICS

Contact Resistance	≤ 20 mΩ
Insulation Resistance	≥ 500 MΩ

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**datasheet n° b212\_0 | date: 04/26**  
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