



Pushing Performance
Since 1945

RJ45 RJ45 plug Cat5, 4p IDC

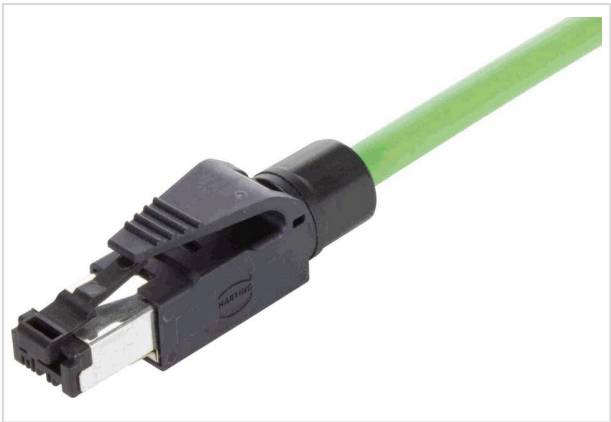


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 45 151 1100 |
| Specification | RJ45 RJ45 plug Cat5, 4p IDC |
| HARTING eCatalogue | https://harting.com/09451511100 |

Identification

| | |
|---------------|------------------------|
| Category | Connectors |
| Series | HARTING RJ Industrial® |
| Element | Cable connector |
| Specification | Straight |

Version

| | |
|--------------------|---|
| Termination method | IDC termination |
| Shielding | Fully shielded, 360° shielding contact |
| Number of contacts | 4 |
| Pack contents | Hood with shielding Splicing element Cable gland Assembly instructions |

Technical characteristics

| | |
|-------------------------------|---|
| Conductor cross-section | 0.22 ... 0.32 mm² Stranded 0.26 ... 0.32 mm² Solid |
| Conductor cross-section [AWG] | AWG 24 ... AWG 22 Stranded AWG 23 ... AWG 22 Solid |
| Wire outer diameter | ≤1.6 mm |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Data rate | 10 Mbit/s 100 Mbit/s |
| Limiting temperature | -40 ... +70 °C |
| Relative humidity | 95 % Non-condensing (operation) |



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Technical characteristics

| | |
|--|---|
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP20 |
| Cable diameter | 4.5 ... 9 mm |
| Vibration resistance | 10-500 Hz, 10 g, 0.3 mm, 2h/axis 7.9 m/s ² acc. to IEC 61373 Category 1 Class B |

Material properties

| | |
|---|----------------------|
| Material (hood/housing) | Polyamide (PA) |
| Colour (hood/housing) | Black |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Nickel |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R26 |

Specifications and approvals

| | |
|----------------|--|
| Specifications | IEC 60603-7 Mating face ISO/IEC 11801 EN 50173-1 EN 45545-2 |
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |
| Approvals | DNV GL |
| PROFINET | Yes |

Commercial data

| | |
|--------------------------------|----------|
| Packaging size | 1 |
| Net weight | 34.4 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |



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Commercial data

| | |
|--------|---|
| GTIN | 5713140059320 |
| ETIM | EC002636 |
| eCl@ss | 27440114 Rectangular connector (for field assembly) |