



Pushing Performance

# RJ45 RJ45 plug Cat5, 4p IDC

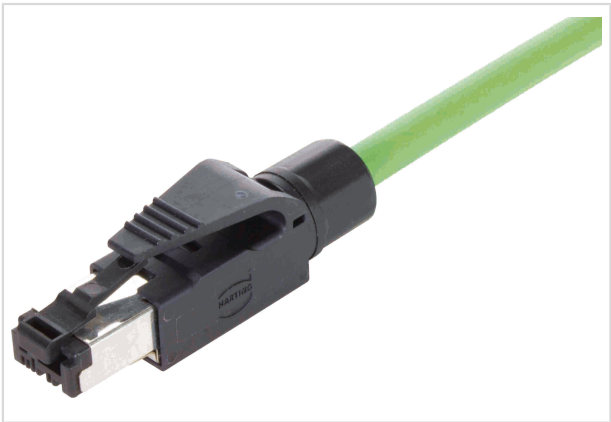


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 45 151 1100                                                                        |
| Specification      | RJ45 RJ45 plug Cat5, 4p IDC                                                           |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09451511100">https://b2b.harting.com/09451511100</a> |

## 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<br>Splicing element<br>Cable gland<br>Assembly instructions |

## Technical characteristics

|                              |                                                       |
|------------------------------|-------------------------------------------------------|
| Conductor cross-section      | 0.22 ... 0.32 mm² Stranded<br>0.26 ... 0.32 mm² Solid |
| Conductor cross-section      | AWG 24 ... AWG 22 Stranded<br>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<br>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<br>7.9 m/s <sup>2</sup> 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         |

## Specifications and approvals

|                |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|
| Specifications | IEC 60603-7 Mating face<br>IEC 11801<br>EN 50173-1<br>EN 45545-2 R26: HL1, HL2, HL3 |
| Approvals      | DNV GL                                                                              |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079                          |
| PROFINET       | Yes                                                                                 |

## Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| Packaging size                 | 1                                     |
| Net weight                     | 34.8 g                                |
| Country of origin              | Romania                               |
| European customs tariff number | 85366990                              |
| eCl@ss                         | 27440101 Rectangular connectors (set) |