

HPP mini Displayport cable; PP-PP; 1,5m



| Part number | 09 45 145 1002 |
|--------------------|--|
| Specification | HPP mini Displayport cable; PP-PP; 1,5m |
| HARTING eCatalogue | https://b2b.harting.com/09451451002 |

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

Identification

| Category | System cabling |
|------------------------------|---|
| Series | HARTING PushPull (V4) |
| Element | Cable assemblies |
| Specification | Pre-assembled on both sides |
| Connector 1 | Mini DisplayPort |
| Connector 2 | Mini DisplayPort |
| Type of cable | Copper cable (round) |
| Version | |
| Cable length | 1.5 m |
| Shielding | Shielded |
| Number of cores | 20 |
| Core structure | 20x AWG 32 |
| Technical characteristics | |
| Rated current | 0.5 A |
| Rated voltage | 30 V |
| Transmission characteristics | DisplayPort 1.2 standard |
| Data rate | 1.62 Gbit/s 2.7 Gbit/s 5.4 Gbit/s |
| Insulation resistance | >10 ⁷ Ω |
| Contact resistance | ≤30 mΩ |
| Limiting temperature | -40 +80 °C |

Page 1 / 3 | Creation date 2022-04-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

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Technical characteristics

| Insertion force | ≤50 N |
|--|---|
| Withdrawal force | ≥15 N |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP20 IP65 / IP67 mated condition |
| Cable diameter | 5 mm |
| Minimum bending radius | 10x Cable diameter |
| Test voltage U _{r.m.s.} | 0.5 kV (contact-contact) 0.5 kV (contact-ground) |
| Impedance | 100 Ω ±10 % |
| Vibration resistance | 10-2000 Hz, 15 g, 1.5 mm, sweep time: 20 min acc. to IEC 61373 Category 1 Class B 5.35 Gs RMS, 15 min/axes, 7.9 m/s² (random vibration) |
| Shock resistance | 25 g / 11 ms, 3 shocks / axis and direction 5 g / 30 ms, 3 shocks / axis and direction |

Material properties

| Material (contacts) | Copper alloy |
|--------------------------------------|---|
| Surface (contacts) | Sn over Ni Termination side Au over Ni Mating side |
| Material (cable) | TPE |
| Colour (cable) | Black |
| 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 | Naphthalene |
| | |

Specifications and approvals

| Specifications | IEC 61076-3-106 Variant 4 (V4) |
|-----------------|--------------------------------|
| Commercial data | |
| Packaging size | 1 |

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Commercial data

Net weight87.5 gCountry of originMalaysiaEuropean customs tariff number8544290eCl@ss27060390 Ready-made data cable (unspecified)

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