

HPP mini Displayport cable; PP-PP; 0,5m



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

| | |
|--------------------|---|
| Part number | 09 45 145 1000 |
| Specification | HPP mini Displayport cable; PP-PP; 0,5m |
| HARTING eCatalogue | https://b2b.harting.com/09451451000 |

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 | 0.5 m |
| Number of cores | 20 |
| Core structure | 20x AWG 32 |
| Shielding | Shielded |

Technical characteristics

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|------------------------------|---|
| 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 | $>10^7 \Omega$ |
| Contact resistance | $\leq 30 \text{ m}\Omega$ |
| Limiting temperature | -40 ... +80 °C |



Pushing Performance
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Technical characteristics

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|--|--|
| 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/s ² (random vibration) |
| Shock resistance | 25 g / 11 ms, 3 shocks / axis and direction 5 g / 30 ms, 3 shocks / axis and direction |

Material properties

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|--------------------------------------|---|
| 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 weight | 56.33 g |
| Country of origin | Malaysia |
| European customs tariff number | 85444290 |
| GTIN | 5713140246317 |
| eCl@ss | 27060390 Ready-made data cable (unspecified) |