

# HPP mini Displayport cable;PP-IP20; 1,5m



Part number	09 45 145 1012
Specification	HPP mini Displayport cable;PP-IP20; 1,5m
HARTING eCatalogue	https://b2b.harting.com/09451451012

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	IP20
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 <sup>7</sup> 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.

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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 <sub>r.m.s.</sub>	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

Surface (contacts)  Sn over Ni Termination side Au over Ni Mating side  Material (cable)  TPE  Colour (cable)  Black  RoHS  compliant  ELV status  China RoHS  e  REACH Annex XVII substances  Not contained	Material (contacts)	Copper alloy
Colour (cable)  RoHS  compliant  ELV status  china RoHS  Black  compliant  compliant	Surface (contacts)	
RoHS compliant  ELV status compliant  China RoHS e	Material (cable)	TPE
ELV status compliant China RoHS e	Colour (cable)	Black
China RoHS e	RoHS	compliant
	ELV status	compliant
REACH Annex XVII substances Not contained	China RoHS	е
	REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances Not contained	REACH ANNEX XIV substances	Not contained
REACH SVHC substances Not contained	REACH SVHC substances	Not contained
California Proposition 65 substances Yes	California Proposition 65 substances	Yes
California Proposition 65 substances Naphthalene	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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Product data sheet 09 45 145 1012 HPP mini Displayport cable;PP-IP20; 1,5m



### Commercial data

Net weight	74 g
Country of origin	Malaysia
European customs tariff number	85444290
eCl@ss	27060390 Ready-made data cable (unspecified)