

# HPP mini Displayport cable;PP-IP20; 2,0m



	Part number	09 45 145 1013
		03 43 143 1013
	Specification	HPP mini Displayport cable;PP-IP20; 2,0m
	HARTING eCatalogue	https://b2b.harting.com/09451451013

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	2 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 2022-01-19 | 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

Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



## 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

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			

Page 2 / 3 | Creation date 2022-01-19 | 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 Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



### Commercial data

Net weight86.5 gCountry of originMalaysiaEuropean customs tariff number8544290eCl@ss27060390 Ready-made data cable (unspecified)

Page 3 / 3 | Creation date 2022-01-19 | 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 Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com