

HPP mini Displayport cable; PP-PP; 1,0m



Part number	09 45 145 1001
Specification	HPP mini Displayport cable; PP-PP; 1,0m
HARTING eCatalogue	https://b2b.harting.com/09451451001

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 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 2021-10-01 | 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 _{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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No
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 2021-10-01 | 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 weight68.2 gCountry of originMalaysiaEuropean customs tariff number8544290eCl@ss27060390 Ready-made data cable (unspecified)

Page 3 / 3 | Creation date 2021-10-01 | 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