

## HPP mini Displayport cable;PP-IP20; 3,0m



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

Part number	09 45 145 1014
Specification	HPP mini Displayport cable;PP-IP20; 3,0m
HARTING eCatalogue	<a href="https://b2b.harting.com/09451451014">https://b2b.harting.com/09451451014</a>

### 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	3 m
Shielding	Shielded
Number of cores	20
Core structure	20x AWG 32

### Technical characteristics

Rated current	0.5 A
Rated voltage	30 V
Insulation resistance	$>10^7 \Omega$
Contact resistance	$\leq 30 \text{ m}\Omega$
Limiting temperature	-40 ... +80 °C
Insertion force	$\leq 50 \text{ N}$
Withdrawal force	$\geq 15 \text{ N}$
Mating cycles	$\geq 100$



Pushing Performance

## Technical characteristics

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)
Transmission characteristics	DisplayPort 1.1 standard
Data rate	1.62 Gbit/s 2.7 Gbit/s 5.4 Gbit/s
Impedance	100 $\Omega$ $\pm$ 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 <sup>2</sup> (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

## Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4)
----------------	--------------------------------

## Commercial data

Packaging size	1
Net weight	117.5 g
Country of origin	Malaysia



Pushing Performance

## Commercial data

European customs tariff number 85444290

eCl@ss 27060390 Ready-made data cable (unspecified)