Pushing Performance
Since 1945

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	https://b2b.harting.com/09451451014

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
Number of cores	20
Core structure	20x AWG 32
Shielding	Shielded

Technical characteristics

Rated current	0.5 A
Rated voltage	30 V
Transmission characteristics	DisplayPort 1.1 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

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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 $U_{r.m.s.}$	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	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	117.5 g
Country of origin	Malaysia
European customs tariff number	85444290
GTIN	5713140262393
ETIM	EC002599
eCl@ss	27060390 Ready-made data cable (unspecified)

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