

HPP mini Displayport cable;PP-IP20; 0,5m



Part number	09 45 145 1010
Specification	HPP mini Displayport cable;PP-IP20; 0,5m
HARTING eCatalogue	https://b2b.harting.com/09451451010

Identification

Category	Cable
Series	HARTING PushPull
Specification	Pre-assembled on both sides
Connector 1	Mini DisplayPort
Connector 2	IP20
Type of cable	Copper cable (round)

Version

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	≥ 100
Degree of protection acc. to IEC 60529	IP20 IP65 / IP67 when mated
Cable length	0.5 m
Cable diameter	5 mm



Pushing Performance

Technical characteristics

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 1.2
Data rate	1.62 Gbit/s 2.7 Gbit/s 5.4 Gbit/s
Impedance	100 Ω \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 ² (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)
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Commercial data

Packaging size	1
Net weight	42.6 g
Country of origin	Malaysia
European customs tariff number	85444290
eCl@ss	27060390 Ready-made data cable (unspecified)