

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



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

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

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
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



Pushing Performance

Technical characteristics

Degree of protection acc. to IEC 60529	IP20 IP65 / IP67 when mated
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 1.2 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 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	68.2 g
Country of origin	Malaysia



Pushing Performance

Commercial data

European customs tariff number 85444290

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