Pushing Performance
Since 1945

PP-V4-CA-USB3A-PP/IP20-P-P-STR-1.0



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

Part number	09 45 445 2911
Specification	PP-V4-CA-USB3A-PP/IP20-P-P-STR-1.0
HARTING eCatalogue	https://b2b.harting.com/09454452911

Identification

Category	System cabling
Series	HARTING PushPull (V4)
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	HARTING PushPull (V4) USB 3.0 Type A
Connector 2	IP20 USB 3.0 Type A
Type of cable	Copper cable (round)

Version

Cable length	1 m
Number of cores	8
Core structure	4x AWG 26/7 2x AWG 28/7 2x AWG 22/7
Shielding	Shielded

Technical characteristics

Rated current	1.5 A
Rated voltage	30 V DC
Data rate	5 Gbit/s
Insulation resistance	$>10^8$ Ω
Contact resistance	≤30 mΩ

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Technical characteristics

Limiting temperature	-40 ... +85 °C
Insertion force	≤35 N
Withdrawal force	≥15 N
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	6.2 mm
Test voltage $U_{r.m.s.}$	0.5 kV (contact-contact) 0.5 kV (contact-ground)
Impedance	90 Ω ±15 %

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Sn over Ni Termination side Au over Ni Mating side
Material (cable)	PVC
Colour (cable)	Black
Material (overmoulding)	Polyamide (PA)
Colour (overmoulding)	Black
Material flammability class acc. to UL 94	V-0
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

Country of origin	Malaysia
European customs tariff number	85444290
GTIN	5713140262775
ETIM	EC002599
eCl@ss	27060390 Ready-made data cable (unspecified)

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