

# PP-V4-CA-USB3A-PP/IP20-P-P-STR-0.5



Part number	09 45 445 2910
Specification	PP-V4-CA-USB3A-PP/IP20-P-P-STR-0.5
HARTING eCatalogue	https://b2b.harting.com/09454452910

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

#### 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
	Туре А
Type of cable	Copper cable (round)

# Version

Cable length	0.5 m
Shielding	Shielded
Number of cores	8
Core structure	4x AWG 26/7
	2x AWG 28/7
	2x AWG 22/7

#### **Technical characteristics**

Rated current	1.5 A
Rated voltage	30 V DC
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤30 mΩ
Limiting temperature	-40 +85 °C

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## Technical characteristics

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 <sub>r.m.s.</sub>	0.5 kV (contact-contact) 0.5 kV (contact-ground)
Data rate	5 Gbit/s
Impedance	90 Ω ±15 %

## Material properties

Material (contacts)Copper alloySurface (contacts)Sn over Ni Termination side Au over Ni Mating sideMaterial (cable)PVCColour (cable)BlackMaterial (overmoulding)Polyamide (PA)Colour (overmoulding)BlackMaterial flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSeREACH Annex XVII substancesNo	Material (insert)	Liquid crystal polymer (LCP)
Surface (contacts)Au over Ni Mating sideMaterial (cable)PVCColour (cable)BlackMaterial (overmoulding)Polyamide (PA)Colour (overmoulding)BlackMaterial flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSe	Material (contacts)	Copper alloy
Colour (cable)BlackMaterial (overmoulding)Polyamide (PA)Colour (overmoulding)BlackMaterial flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSe	Surface (contacts)	
Material (overmoulding)Polyamide (PA)Colour (overmoulding)BlackMaterial flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSe	Material (cable)	PVC
Colour (overmoulding)BlackMaterial flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSe	Colour (cable)	Black
Material flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSe	Material (overmoulding)	Polyamide (PA)
RoHScompliantELV statuscompliantChina RoHSe	Colour (overmoulding)	Black
ELV status compliant   China RoHS e	Material flammability class acc. to UL 94	V-0
China RoHS e	RoHS	compliant
	ELV status	compliant
REACH Annex XVII substances No	China RoHS	e
	REACH Annex XVII substances	No
REACH ANNEX XIV substances No	REACH ANNEX XIV substances	No
REACH SVHC substances No	REACH SVHC substances	No

# Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4)
Commercial data	
Packaging size	1
Country of origin	Malaysia
European customs tariff number	85444290

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Commercial data

eCl@ss

27060390 Ready-made data cable (unspecified)

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