

## PP-V4-CA-USB3A/USB3B-PP/IP20-P-P-STR-5.0



Part number	09 45 445 2945
Specification	PP-V4-CA-USB3A/USB3B-PP/IP20-P-P- STR-5.0
HARTING eCatalogue	https://b2b.harting.com/09454452945

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 Type B
Type of cable	Copper cable (round)
Version	
Cable length	5 m
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
Data rate	5 Gbit/s
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤30 mΩ
Limiting temperature	-40 +85 °C

Page 1 / 3 | Creation date 2023-10-06 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



## **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)
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	Not contained
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

Page 2 / 3 | Creation date 2023-10-06 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



## Commercial data

GTIN	5713140262997
ETIM	EC002599
eCl@ss	27060390 Ready-made data cable (unspecified)

Page 3 / 3 | Creation date 2023-10-06 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany