**HARTING**®

**Pushing Performance**
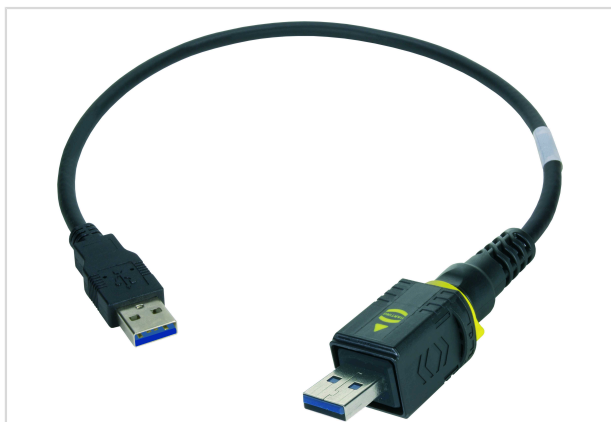
# PP-V4-CA-USB3A-PP/IP20-P-P-STR-5.0



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

| Part number | 09 45 445 2915 |
| --- | --- |
| Specification | PP-V4-CA-USB3A-PP/IP20-P-P-STR-5.0 |
| HARTING eCatalogue | https://b2b.harting.com/09454452915 |

## Identification

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

## Version

| | |
| --- | --- |
| Cable length | 5 m |
| Number of cores | 8 |
| Core structure | 4x AWG 26/7<br>2x AWG 28/7<br>2x AWG 22/7 |

## Technical characteristics

| | |
| --- | --- |
| Rated current | 1.5 A |
| Rated voltage | 30 V DC |
| Insulation resistance | $>10^8$ Ω |
| Contact resistance | ≤30 mΩ |
| Limiting temperature | -40 ... +85 °C |
| Insertion force | ≤35 N |
| Withdrawal force | ≥15 N |

Page 1 / 3 | Creation date 2020-01-14 | 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 Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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## Technical characteristics

| | |
|---|---|
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67 |
| Cable diameter | 6.2 mm |
| Test voltage $U_{r.m.s.}$ | 0.5 kV (contact-contact)<br>0.5 kV (contact-ground) |
| Data rate | 5 Gbit/s |
| Impedance | 90 Ω ±15 % |

## Material properties

| | |
|---|---|
| Material (insert) | Liquid crystal polymer (LCP) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Sn over Ni Termination side<br>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 | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | No |

## Specifications and approvals

| | |
|---|---|
| Specifications | IEC 61076-3-106 Variant 4 (V4) |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 284 g |
| 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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