

PP-V4-CA-USB2B/USB2A-PP/IP20-P-P-STR-3.0



| Part number | 09 45 445 4914 |
|--------------------|--|
| Specification | PP-V4-CA-USB2B/USB2A-PP/IP20-P-P- STR-3.0 |
| HARTING eCatalogue | https://b2b.harting.com/09454454914 |

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 2.0 Type B |
| Connector 2 | IP20 USB 2.0 Type A |
| Type of cable | Copper cable (round) |

Version

| Cable length | 3 m |
|-----------------|--------------|
| Shielding | Shielded |
| Number of cores | 4 |
| Core structure | 2x AWG 26/7 |
| | 2x AWG 24/11 |

Technical characteristics

| Rated current | 1.5 A |
|-----------------------|---------------------------|
| Rated voltage | 30 V DC |
| Insulation resistance | > 1.6 x 10 ⁶ Ω |
| Contact resistance | ≤30 mΩ |
| Limiting temperature | -40 +85 °C |
| Insertion force | ≤35 N |

Page 1 / 3 | Creation date 2021-02-25 | 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



Technical characteristics

| Withdrawal force | ≥15 N |
|---|---|
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP65 IP67 |
| Cable diameter | 4.9 mm |
| Test voltage U _{r.m.s.} | 0.5 kV (contact-contact) 0.5 kV (contact-ground) |
| Data rate | 480 Mbit/s |
| 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 | 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 |
| Country of origin | Malaysia |

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|--------------------------------|----------|
| European customs tariff number | 85444290 |
| | |

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Commercial data

eCl@ss

27060390 Ready-made data cable (unspecified)

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