

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



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

| | |
|--------------------|---|
| Part number | 09 45 445 1914 |
| Specification | PP-V4-CA-USB2A-PP/IP20-P-P-STR-3.0 |
| HARTING eCatalogue | https://b2b.harting.com/09454451914 |

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 A |
| 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 |
| Data rate | 480 Mbit/s |
| Insulation resistance | $> 1.6 \times 10^6 \Omega$ |
| Contact resistance | $\leq 30 \text{ m}\Omega$ |
| Limiting temperature | -40 ... +85 °C |

Page 1 / 3 | Creation date 2022-02-23 | 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.

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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 | 4.9 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 |
| Net weight | 147 g |

Commercial data

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