

PP-V4-CA-USB3A-PP/IP20-P-P-STR-3.0



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

Part number	09 45 445 2914
Specification	PP-V4-CA-USB3A-PP/IP20-P-P-STR-3.0
HARTING eCatalogue	https://b2b.harting.com/09454452914

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 A
Type of cable	Copper cable (round)

Version

Cable length	3 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	$>10^8 \Omega$
Contact resistance	$\leq 30 \text{ m}\Omega$
Limiting temperature	-40 ... +85 °C



Pushing Performance

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 $U_{r.m.s.}$	0.5 kV (contact-contact) 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 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)
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Commercial data

Packaging size	1
Net weight	1 g
Country of origin	Malaysia



Pushing Performance

Commercial data

European customs tariff number 85444290

eCl@ss 27060390 Ready-made data cable (unspecified)