

cable_assembly_with_straight_screw_lock_plug_with_overmolding

size_0_ip6k8_ip6k9k_coding_a_light_brown_12_contacts_pins_solder_cup_data_transmission_usb®_3.2_gen_1x1_5_gbits_second_side_usb®_plug_a_overmolding_black_cable_type_usb_kabel_3.2_gen1x1vorkonfektioniert_cable_color_black

**Basic information**

Part number	CC10WAM124IYU
Part no. without assembly	C10WAM-P12XMM0-0000
Category	cable_assembly
Type of connector	plug
Assembly situation	straight

Contact insert description

Special features	data_transmission
Transmission type	USB® 3.2 Gen 1x1 (5 Gbit/s)
Number of contacts	12
Contact type	pins
Contact diameter	0.3 mm; 0.7 mm
Termination type	solder_cup

Technical information

Max. current single contact	1 A; 5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	0.3 kV AC	EIA-364-20F:2019-02

Cable description

Cable outlet	overmolding
Bend relief color	black
Cable type	usb_cable_3.2_gen1x1_preassembled_pvc
Cable color	black
Cable diameter	5.5 mm
Second side	usb®_plug_type_a
UL style	20276
Conductor	stranded_copper
Wire cross section AWG	AWG 28

Mechanical and environmental data

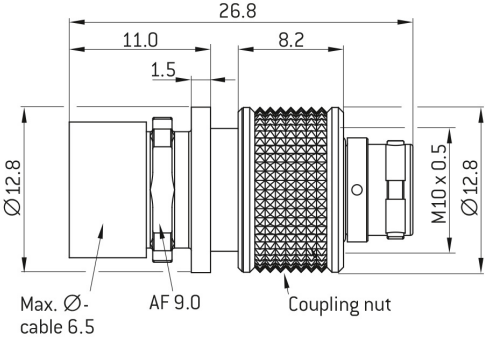
Locking principle	screw_lock
Keying	a
Mating cycles	5000
IP class	IP68 / IP6K9K
Max. operating temperature	80 °C
Min. operating temperature	-15 °C

ip_protection_class_refers_to_mated_condition

Material and surface treatments

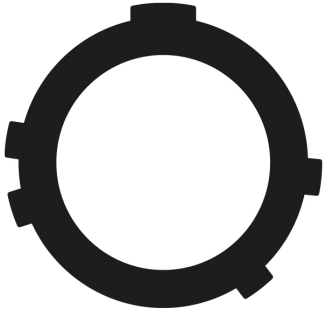
Material	cu_alloy_with_ruthenium_finish
Insulator material	peek
Contact material	cu_alloy_with_gold_finish

DIMENSIONS:



Technical drawing of the cable assembly showing dimensions. The overall length is 26.8. The distance from the left end to the start of the braided shield is 11.0. The distance from the start of the braided shield to the coupling nut is 8.2. The distance from the left end to the coupling nut is 1.5. The outer diameter is $\varnothing 12.8$. The inner diameter of the coupling nut is $\varnothing 9.0$. The coupling nut is labeled "Coupling nut". The cable is labeled "Max. $\varnothing$ -cable 6.5". The coupling nut is labeled "M10 x 0.5".

CODING:A



Coding diagram showing a circular ring with 12 positions, labeled A.

POSITIONS: 12 positions

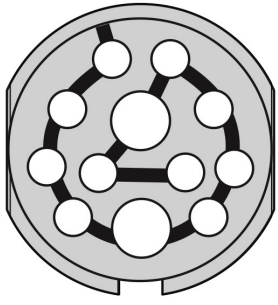


Diagram showing 12 positions arranged in a circle, labeled A.

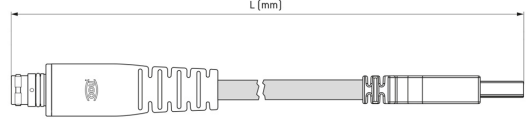


Diagram showing the cable assembly with dimensions. The length is labeled L [mm].

Further technical information and downloads

Connection diagram	connection_diagram_12pin_usb_3.2_gen1x1_typeA_pins_crossover
3D-File (STP File)	
Technical specifications	