

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_odu®_connector_overmolding_black_cable_type_usb_kabel_3.2_gen1x1meterware_cable_color_black



Basic information

Part number	CC10WAM124IYS
Part no. without assembly	C10WAM-P12XMM0-0000
Category	cable_assembly
Type of connector	plug
Assembly situation	straight

Contact insert description

Special features	Array
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	0.5 kV AC	

Cable description

Cable outlet	overmolding
Bend relief color	black
Cable type	usb_cable_3.2_gen1x1_by_the_meter_pur
Cable color	black
Cable diameter	5.7 _mm
Second side	odu®_straight_screw_lock_plug
UL style	style20693
Conductor	stranded_tinned_copper
Wire cross section AWG	AWG 28

Mechanical and environmental data

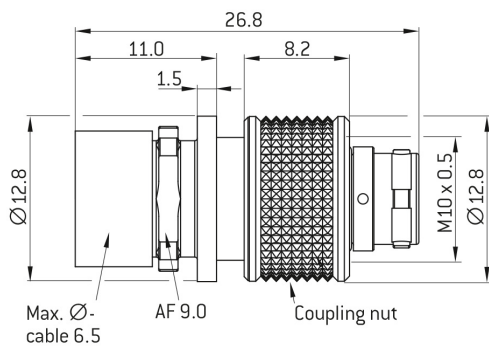
Locking principle	screw_lock
Keying	a
Mating cycles	5000
IP class	IP68 / IP6K9K
Max. operating temperature	80 °C
Min. operating temperature	-40 °C

ip_protection_class_refers_to_mated_condition

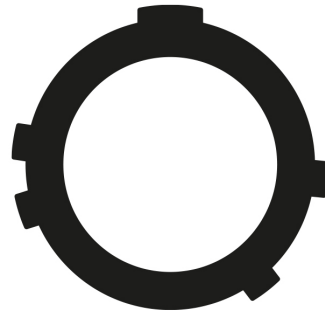
Material and surface treatments

Material	cu_alloy_with_ruthenium_finish
Insulator material	peek
Contact material	cu_alloy_with_gold_finish

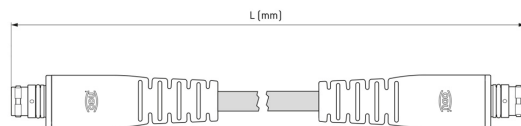
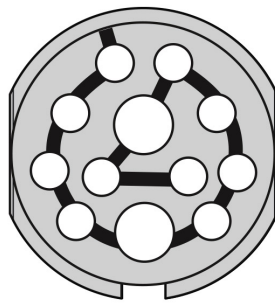
DIMENSIONS:



CODING:A



POSITIONS: 12 positions



Further technical information and downloads

Connection diagram	connection_diagram_12pin_usb_3.2_gen1x1_odu_odu_pins_crossover
3D-File (STP File)	
Technical specifications	