

G6CW0M-FK1WFG0-0000

ODU AMC® HD



Receptacle with break-away locking for rear panel mounting with cable outlet

Size 00, IP6K8 / IP6K9K, Coding None, 1 contacts, Sockets, Solder cup, Coax



Basic information

Part number	G6CW0M-FK1WFG0-0000
Category	Connector
Type of connector	Receptacle
Assembly situation	Rear panel mounting
Size	00

Contact insert description

Special features	Coax
Number of contacts	1
Contact type	Sockets
Contact diameter	0.7 mm
Termination type	Solder cup
Wire cross section AWG	AWG 22

Reverse gender on request

Technical information

Max. current single contact	0 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	0.75 kV DC	EIA-364-20F:2019-02

All shown connectors are rated to a safety extra low voltage (SELV) of less than 50 V AC / 75 V DC, according to IEC 61140:2016 (VDE 0140-1:2016) Protection against electric shock - Common aspects for installation and equipment. In case other standards rule a specific use of the connector, the application specific safety criteria shall be considered first. In this context, lower voltage ratings may be valid. Warning: Danger to life for operating voltages above 50 V AC / 120 V DC!

Cable description

Cable outlet	Overmolding
Min. cable diameter	3.2
Max. cable diameter	5

Mechanical and environmental data

Locking principle	Break-Away
Keying	Without keying
Mating cycles	5.000
IP class	IP68 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	0.5 Nm
Weight	6.02 g

*IP protection class refers to mated condition

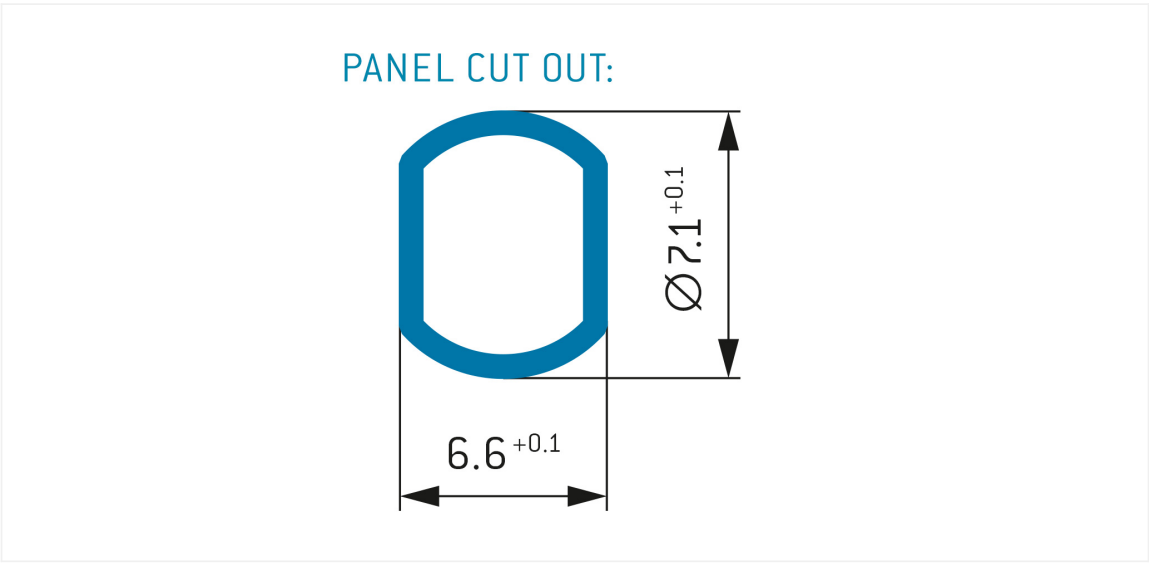
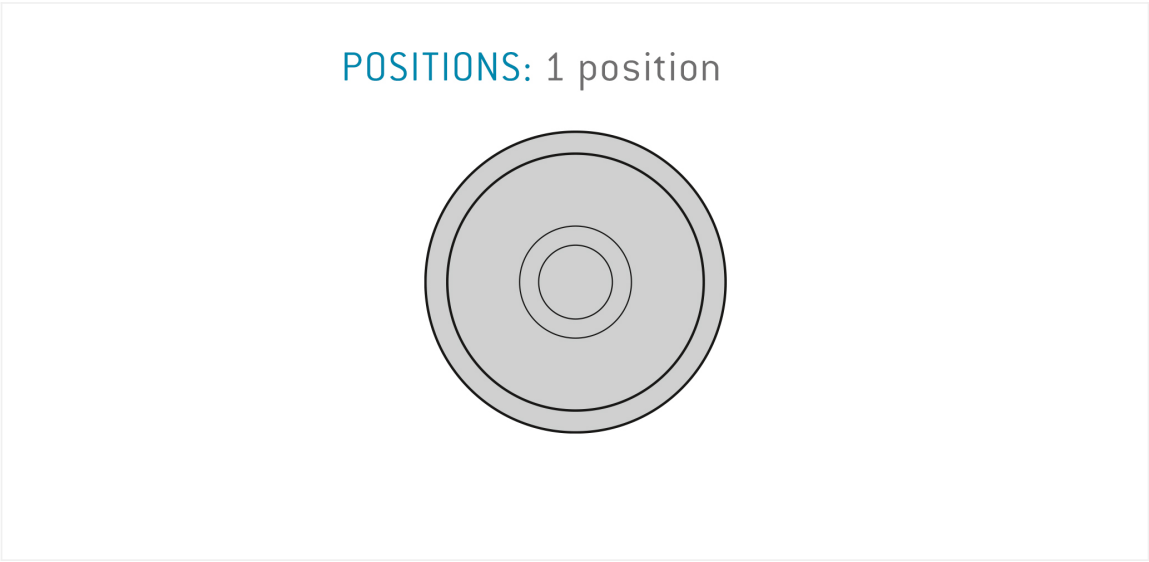
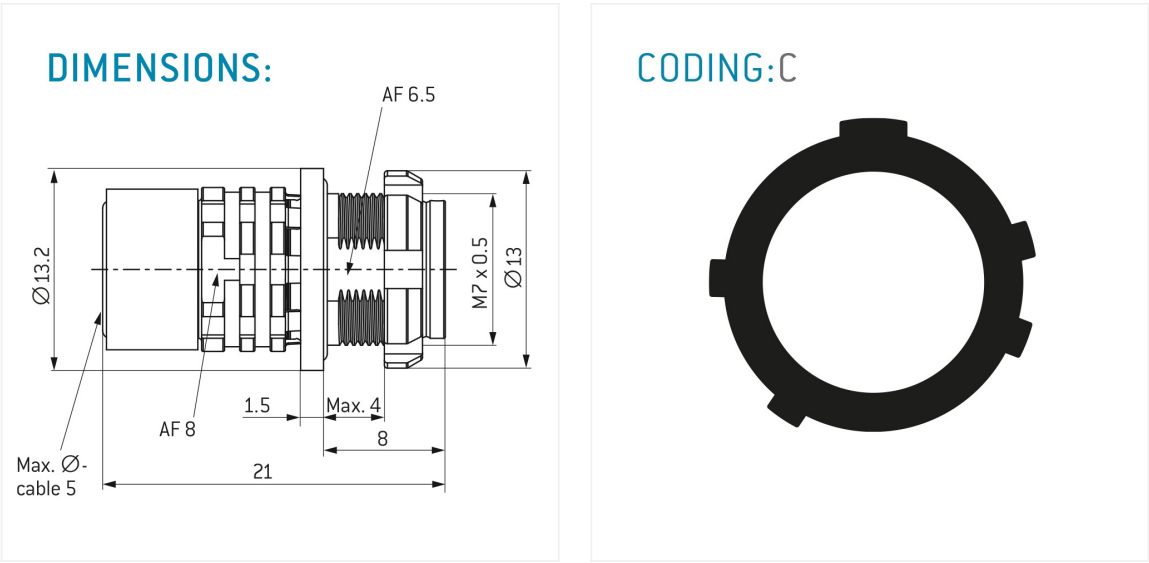
Material and surface treatments

Material	Cu-alloy with ruthenium finish
Insulator material	PTFE
Contact material	Gold

ODU MEDI-SNAP® and MINI-SNAP® are UL-approved (E110586).

ODU reserves the right to make changes based on the current state of knowledge without prior notice without being obliged to provide replacement deliveries or refinements of older designs.

All shown connectors are defined without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).



Further technical information and downloads

[3D-File \(STP File\)](#)

[Assembly Instruction](#)

[Technical specifications](#)