

PRE-TERMINATED CABLE ASSEMBLY SOLUTIONS



ODU HIGH SPEED DATA TECHNOLOGY












SHORT OVERVIEW

ODU AMC[®] HIGH-DENSITY ETHERNET CABLE ASSEMBLY SOLUTIONS

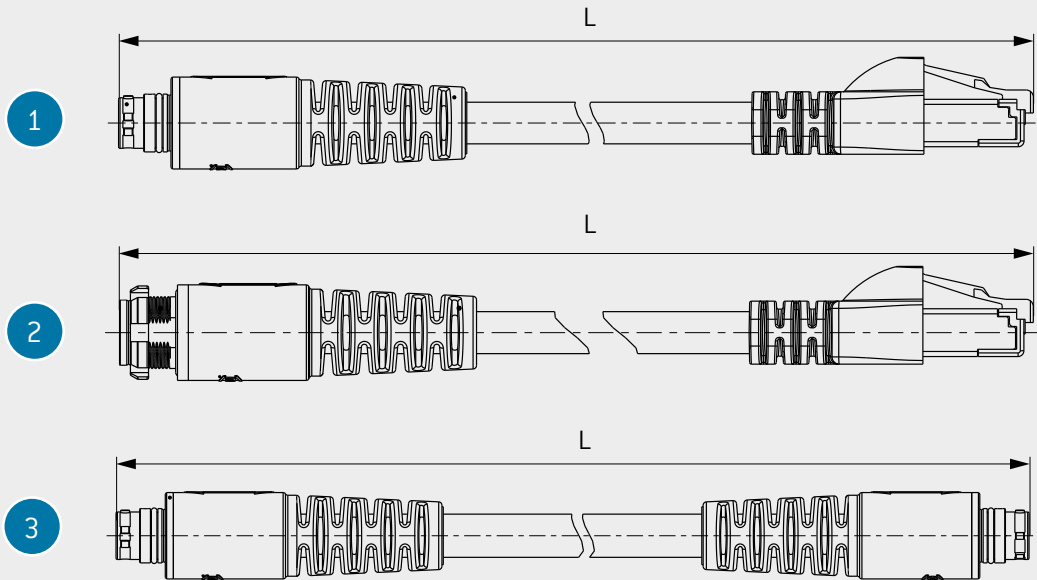


Overview cable assembly ODU AMC[®] High-Density

Part number (cable length independent)	ODU Plug	Coding	No. of contacts	Size	Cable length L	Function	Assembled with	Drawing
CA10WBM084IYL003000	 A10WBM-PD8XBE0-0000	B	8	0	3.0 m	Ethernet Class E _A up to 10 Gbit	 RJ45 Plug	
CG60WBM084IYK000300	 G60WBM-PD8WBE0-0000	B	8	0	0.3 m	Ethernet Class E _A up to 10 Gbit	 RJ45 Plug	
CA10WBM084IYJ003000	 A10WBM-PD8XBE0-0000	B	8	0	3.0 m	Ethernet Class E _A up to 10 Gbit	 A10WBM-PD8XBE0-0000	



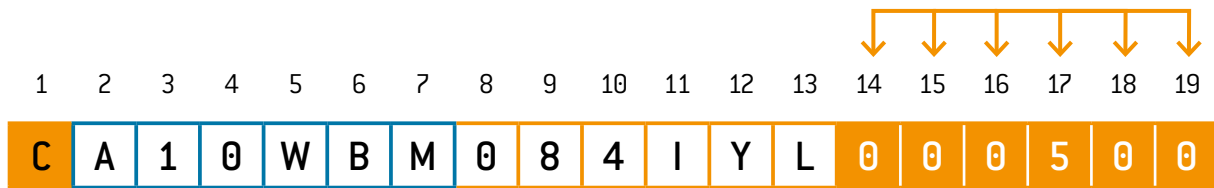
Data transmission protocols
The contact arrangement of an ODU data transmission connector differs from a standard data transmission connector due to the robust ODU specific design. However, the ODU design meets the electrical specifications of the respective standard data transmission protocol.



Maximum channel length 100 m but not more than 25 m per single cable assembly.

Example for a number key
with cable assembly

If another cable length is desired, the last 6 digits
can be filled with the desired length in mm.
Minimum cable length is 300 mm.
Example of drawing 1 with 500 mm = 000500















MILITARY APPLICATIONS



High speed,
low drag

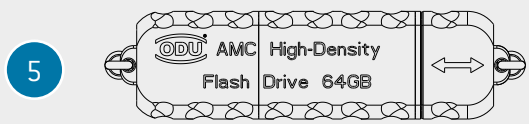
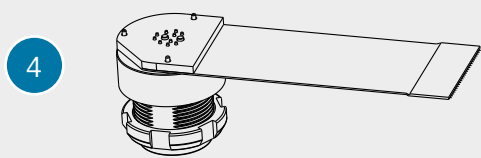
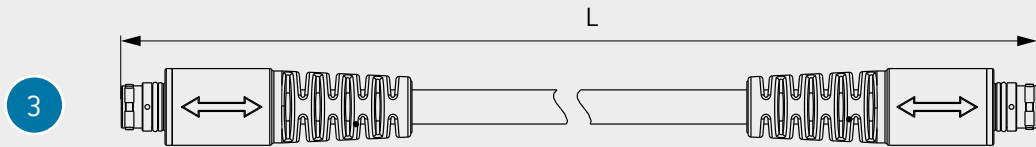
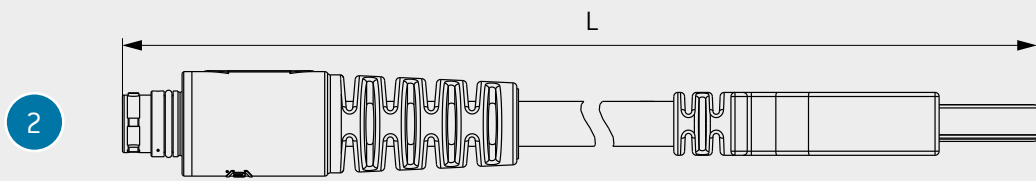
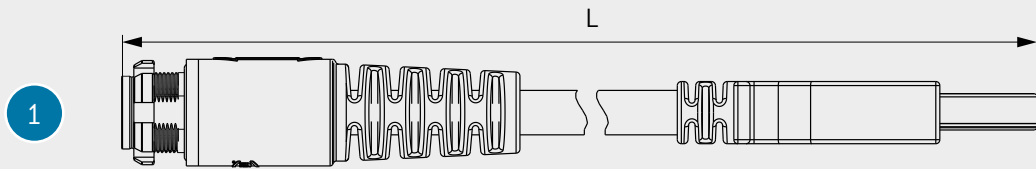
ODU AMC® HIGH-DENSITY USB® 3.2 GEN 1x1 COMPLETE SYSTEM SOLUTIONS



Overview cable assembly ODU AMC® High-Density									
Part number	ODU Plug	Coding	No. of contacts	Size	Cable length L	Function	Assembled with	Drawing	
CG60WCM124IYV000300	 G60WCM-P12WMM0-0000	C	12	0	0.3 m	USB® 3.2 Gen 1x1 ¹	 USB® 3.0 Type A plug		
CA10WCM124IYU001200	 A10WCM-P12XMM0-0000	C	12	0	1.2 m	USB® 3.2 Gen 1x1 ¹	 USB® 3.0 Type A plug		
CA10WCM124IYS002000	 A10WCM-P12XMM0-0000	C	12	0	2.0 m	USB® 3.2 Gen 1x	 A10WCM-12XMM0-0000		
CGK0WCM120001000038	 GK0WCM-P12UM00-000L	C	12	0	—	USB® 3.2 Gen 1x1	— Rigid-flex ¹		
CGC0WCM120001000038	 GC0WCM-P12UM00-000L	C	12	0	—	USB® 3.2 Gen 1x1	— Rigid-flex ¹		
756.271.120.001.359	— Flash Drive	C	12	0	—	USB® 3.2 Gen 1x1	— Flash Drive		

¹Rigid-flex is designed to work with suitable ZIF connector (not supplied). Contact ODU for more information.














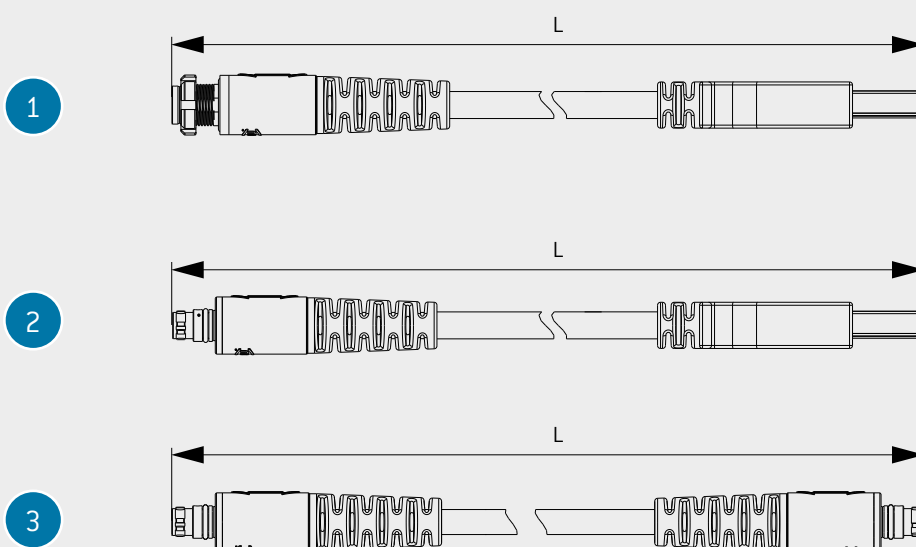
Maximum channel length 2m.

ODU AMC[®] HIGH-DENSITY USB[®] 2.0 CABLE ASSEMBLY SOLUTIONS



Overview cable assembly ODU AMC[®] High-Density

Part number	ODU plug	Coding	No. of contacts	Size	Cable length L	Function	Assembled with	Drawing
CG6CWBM044IYZ000300	 G6CWBM-PU4WBM0-0000	B	4	00	0.3 m	USB [®] 2.0	 USB [®] 2.0 Type A plug	
CA1CWBM044IYY001200	 A1CWBM-PU4XBM0-0000	B	4	00	1.2 m	USB [®] 2.0	 USB [®] 2.0 Typ A plug	
CA1CWBM044IYX002000	 A1CWBM-PU4XBM0-0000	B	4	00	2.0 m	USB [®] 2.0	 A1CWBM-PU4XBM0-0000	




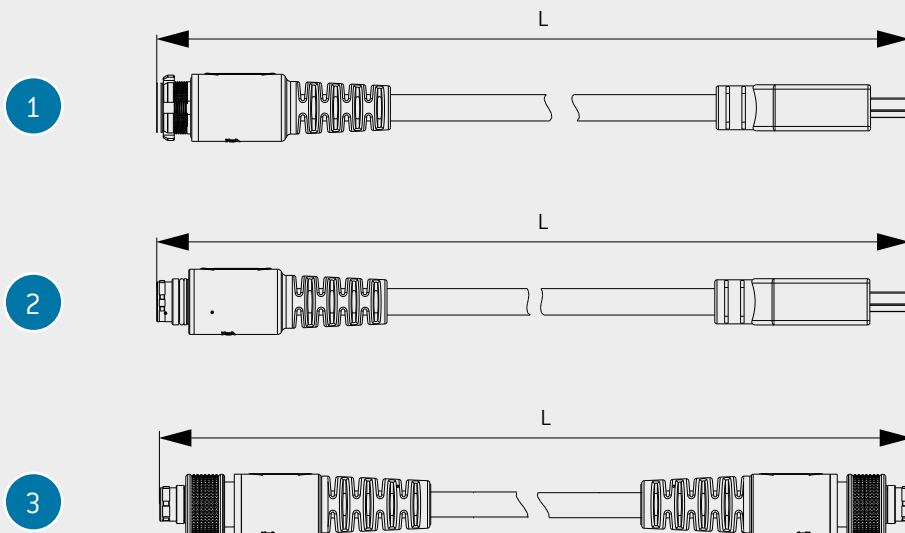
Maximum channel length 4 m but not more than 3 m per single cable assembly.

ODU AMC[®] HIGH-DENSITY HDMI[®] CABLE ASSEMBLY SOLUTIONS



Overview cable assembly ODU AMC[®] High-Density

Part number	ODU plug	Coding	No. of contacts	Size	Cable length L	Function	Assembled with	Drawing
CGS1WCM174IY0000500	 GS1WCM-P17WMM0-0000	C	17	1	0.5 m	HDMI [®] 1.4	 HDMI [®] Type A	
CA11WCM174IYN001000	 A11WCM-P17XMM0-0000	C	17	1	1.0 m	HDMI [®] 1.4	 HDMI [®] Type A	
CC11WCM174IYM002500	 C11WCM-P17XMM0-0000	C	17	1	2.5 m	HDMI [®] 1.4	 C11WCM-P17XMM0-0000	



Maximum channel length 5 m but not more than 3 m per single cable assembly.

For further information please see the [ODU AMC[®] High-Density catalog](#) on our website.



Printed on certified recycled paper.

All dimensions are in mm.
Some figures are for illustrative purposes only. Subject to change without notice. Errors and omissions excepted. We reserve the right to change our products and their technical specifications at any time in the interest of technical improvement. This publication supersedes all prior publications.

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