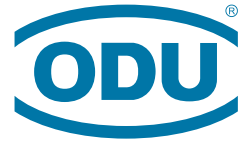


ADVANCED CONNECTOR SOLUTIONS THREADED CONNECTOR TECHNOLOGY



A PERFECT ALLIANCE.



THREADED CONNECTORS

ODU offers a wide variety of robust technologies for applications in harsh environments. ODU's Threaded Connector technologies are especially favored for applications requiring an additional degree of security, or where environmental conditions including temperature, pressure or vibration would be problematic for other interconnect products.

KEY FEATURES AND CUSTOMER BENEFITS

- + Lightweight, small and easy handling
- + Wide temperature range
- + Various standard inserts available
- + Individual contact configuration available on request
- + Reliable data transmission and excellent shielding performance
- + System solution – cable assembly and overmoulding

EMI SHIELDED

WATERTIGHT

Triple start
THREADED

More
MATE CYLES
than MIL spec. connectors

Tested according
MIL STANDARDS

HIGH VIBRATION
Resistant

RACHET MECHANISM
half turn locking

RUGGED
solid construction

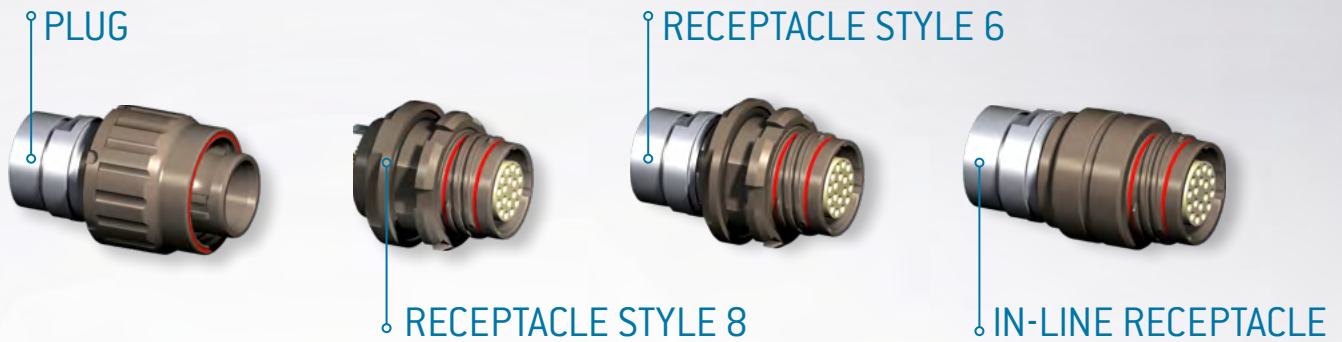
FULL MATE
indicator

MECHANICAL KEYING
with matched color code

COMPACT
design

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ODU THREADED CONNECTOR TECHNOLOGY AT A GLANCE



CONTACT CONFIGURATIONS

Size	Layout viewed from plug - termination side	Number of contacts	Max. current [A] single contact load	DWV voltage ¹ [VAC]	Max. wire size solder cup	Suitable for	
1.5 		10	5	1200	10 x AWG 22	Signal	
		19	2	1000	19 x AWG 26	Signal	
		8	5	1200	8 x AWG 22	CAT 5 ² Gigabit Ethernet ²	
3 		4	20	1650	4 x AWG 14	Power	
		5	2	30	1350	2 x AWG 12	Power
			3	5	1350	3 x AWG 22	Signal
		18	7	1200	18 x AWG 20	Signal	
		26	5	1000	26 x AWG 22	Signal	

¹ Consult factory for additional information and options.

² These ODU specific connectors can transmit common data transmission protocols such as Ethernet and CAT 5, but they are not Ethernet- or CAT-standard connectors.

2 MECHANICAL (COLOR) CODINGS



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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