

ODU AMC[®] SERIES T

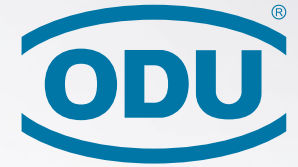
Three locking options

The “T” stands for “Triple”: **Thread-lock, Push-pull or Break-away**

Choose the appropriate interlock type, size, cable connection, insert, and number of contacts based on your requirements. The built-in trapezoidal thread with an integrated ratched mechanism ensures additional safety.

The ODU AMC[®] Series T connectors are available in two sizes, shell size 9 and 12. The cable connection is available as overmold or with standard MIL backshells.

3-IN-1 SOLUTION



FLEXIBILITY MEETS ROBUSTNESS



- + Easy assembly and installation
- + Operating temperature from $-65\text{ }^{\circ}\text{C}$ to $+175\text{ }^{\circ}\text{C}$
- + Ideal for MIL backshell and crimp contacts
- + High vibration resistance
- + Sealed mechanical area
- + Waterproof up to 1 m (IP6K9K)

Inserts shell size 9

Inserts shell size 12

8 pos.	10 pos.	5 pos.	18 pos.

Keying options

	A	B	C	D
Mechanical keying: receptacle front view				
Color keying				
	Light Brown	Red	Blue	Green

Type	Performance
Protection class (mated)	IP6K9K
Immersion capability	1 m
Salt spray	96 h
Operating temperature	-65 °C up to +175 °C
Mating cycles	500
Shell-to-shell conductivity	Voltage drop 2.5 mV
Random vibration ¹	37.8 g
Sine Vibration ¹	30 g
Mechanical shock ¹	300 g

Test methods:

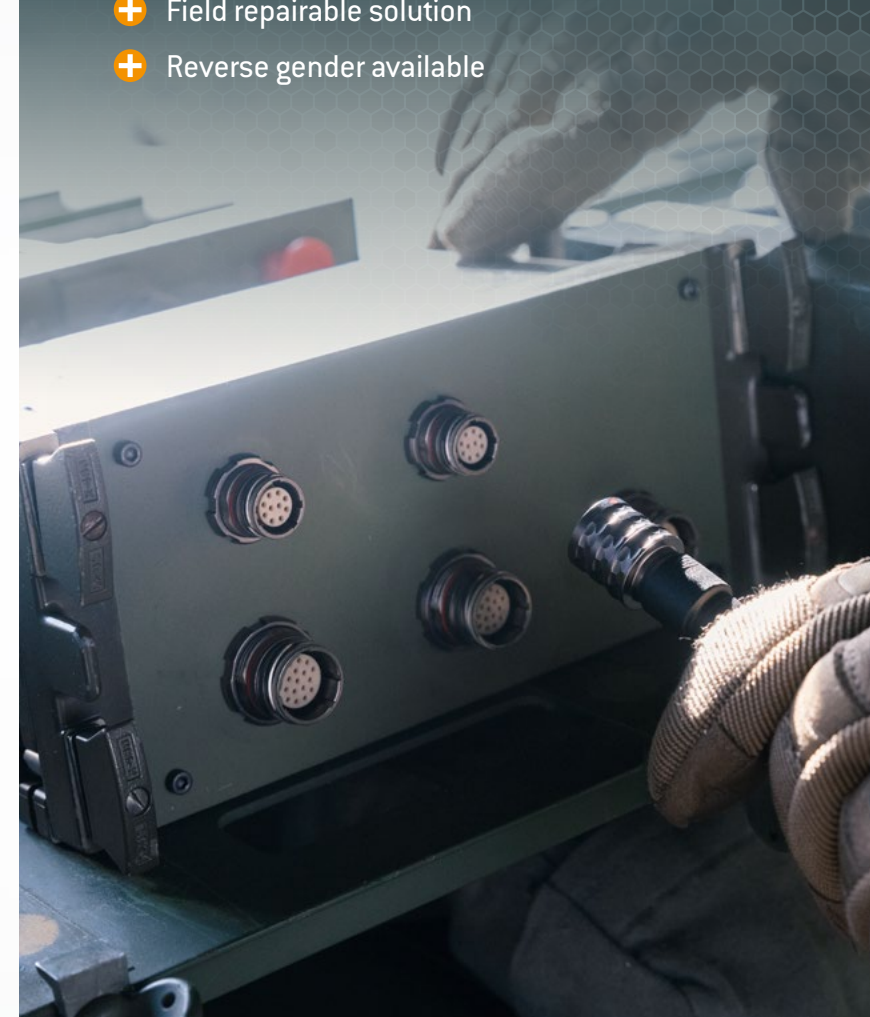


IP Rating:

- + ISO 20653:2013 / MIL-STD-810G: 2008 512.5
- + MIL-STD-202-110 ISO 20653:2013

Ideal for military, security, communication technology, heavy construction machinery and agricultural vehicles.

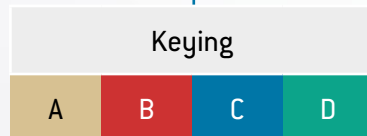
- + Customized cable assembly option
- + Field repairable solution
- + Reverse gender available



¹ Threaded plug

Select your connector with the keying of your choice

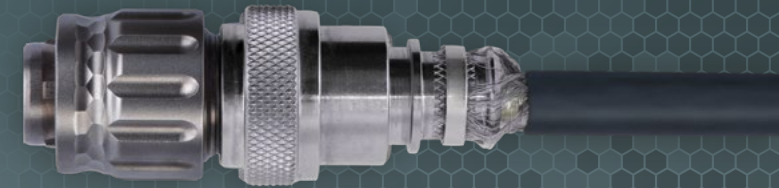
Shell-size	No. of contacts	Receptacle <small>(solder termination)</small>	Plug <small>with MIL-STD crimp contacts</small>	
		Order-no.	Locking type	Order-no.
09	10	GKT_AT0-E010WN-LS00	Break-away	A1T_AT0-E010PN-0000
			Push-pull	S1T_AT0-E010PN-0000
			Thread-lock	C1T_AT0-E010PN-0000
09	8	GKT_AT0-ED08WN-LS00	Break-away	A1T_AT0-ED08PN-0000
			Push-pull	S1T_AT0-ED08PN-0000
			Thread-lock	C1T_AT0-ED08PN-0000
12	5	GKT_AT0-H005WN-LS00	Break-away	A1T_AT0-H005PN-0000
			Push-pull	S1T_AT0-H005PN-0000
			Thread-lock	C1T_AT0-H005PN-0000
12	18	GKT_AT0-HM18WN-LS00	Break-away	A1T_AT0-HM18PN-0000
			Push-pull	S1T_AT0-HM18PN-0000
			Thread-lock	C1T_AT0-HM18PN-0000



Cable termination types

Backshell version

Ideal for MIL STD 38999 Backshells



Overmolded version



Additional technical documentation

- [Crimp contact specification](#) (D00016300)
- [Product specification](#) (D00016301)
- [Accessories](#) (D00016302)
- [Assembly Instruction – Overmolded version](#) (D00016303)
- [Assembly Instruction – Backshell version](#) (D00016304)

Protection against water, dirt and dust **in accordance with your application and requirements.**

