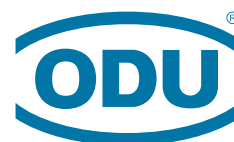


ODU-MAC® – MODULAR RECTANGULAR CONNECTORS



A PERFECT ALLIANCE.



Silver-Line

100,000
mating cycles
and more

Automatic docking.

The robust hybrid interface excels through its failsafe performance and high vibration resistance.

White-Line

100,000
mating cycles
and more

Manual mating.

Stands out through its longevity, rugged design, contact security and high contact density along with ideal and ergonomic handling.

Blue-Line

10,000
mating cycles
and more

A new performance class.

Allows for the easy dismantling of crimp-clip contacts when assembled and stands out through its outstanding high packing density of a maximum of 740 signals in one connector.

ODU DOCK Silver-Line

ODU-MAC® Silver-Line

ODU-MAC® White-Line

ODU-MAC® Blue-Line

Mating cycles	> 100,000	> 100,000	> 100,000	> 10,000
Mating principle	Automatic docking	Automatic docking	Manual mating	Manual mating, automatic docking
Automatic docking option		7 frame varieties, individual length		1 frame variety, 4 sizes
Locking			Per spindle / Locking lever / Snap-In (ZERO)	Per spindle / Locking lever / Push-Pull (PUSH-LOCK)
Housing	3 housing varieties available in plastic and metal		Available in plastic and metal	Available in plastic and metal
Strain relief housing		•		•
Highest packing density on the market	•	•	•	••
Non-magnetic version			•	
EMV-protection	In metal housing	On module basis	On module basis	On module basis
Quick-change head option	•	•	•	

VARIETY OF MODULES

Signal	Up to 27 A / 1,5 mm ²	Up to 27 A / 1,5 mm ²	Up to 33 A / 2,5 mm ²
Power	Up to 119 A / 16 mm ²	Up to 119 A / 16 mm ²	Up to 58 A / 6 mm ²
High current	Up to 225 A / 50 mm ²	Up to 225 A / 50 mm ²	Up to 225 A / 50 mm ²
PE module		Up to 25 mm ²	
High voltage	Up to 2,5 kV / 1,5 mm ²	Up to 6,3 kV / 1,5 mm ²	Up to 2,5 kV / 6 mm ²
HF-Signal (Coax)	Up to 9 GHz	Up to 9 GHz	Up to 12 GHz
Compressed air	Up to 20 bar	Up to 20 bar	Up to 20 bar
Fluid	Up to 10 bar	Up to 25 bar	Up to 10 bar
Fiber optic POF / GOF	•	•	GOF only (on request)
Transfer rates / High-speed	CAT 6 ¹ / USB ¹ / HDMI ¹	CAT 6 ¹ / USB ¹ / HDMI ¹	CAT 6 ¹ / USB ¹
PCB termination module			• (incl. quick-change system)
Optional pin protection		Module can be freely positioned	Integrated with 20-pin signal module
Termination technology	Crimp / Solder	Crimp / Solder / Print	Crimp / Solder / Print through PCB termination modules

The flexible route to custom connectors: the ODU-MAC® configurator at www.odu-mac.com

¹ These ODU specific connectors can transmit common data transmission protocols such as USB®, HDMI® and CAT 6¹, but they are not USB®, HDMI®, and CAT-standard connectors.



A PERFECT ALLIANCE.

ODU GROUP WORLDWIDE

ODU CM 1016



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Romania ODU Romania Manufacturing S.R.L.

USA ODU North American Logistics



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