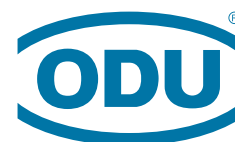


ODU-MAC[®] – MODULAR RECTANGULAR CONNECTORS



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.

The ODU-MAC Blue-Line 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-MAC [®] Silver-Line	ODU-MAC [®] White-Line	ODU-MAC [®] Blue-Line
Mating cycles	> 100,000	> 100,000	> 10,000
Mating principle	Automatic docking	Manual mating	Manual mating, automatic docking
Automatic docking	6 frame varieties, individual length, Quick-change head option		1 frame variety, 4 sizes
Locking		Per spindle / lever locking Snap-In [ZERO]	Per spindle / lever locking
Housing		Available in plastic and metal	Available in plastic and metal
Strain relief housing	+		+
Highest packing density on the market	+	+	++
Non-magnetic version		+	

VARIETY OF MODULES

Signal	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 58 A / 6 mm ²
High current	up to 220 A / 50 mm ²	up to 150 A / 25 mm ²
High voltage	up to 6.3 kV / 1.5 mm ²	up to 2,5 kV / 6 mm ²
Coax	up to 9.0 GHz	up to 4.0 GHz
Compressed air	up to 20 bar	up to 12 bar
Fluid	up to 10 bar	
Fiber optic PDF / GOF	+	+ (GOF only on request)
Transfer rates / high-speed	CAT 6 _A ¹ / USB ^{®1} / HDMI ^{®1}	CAT 6 _A 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 / 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 HDMI[®], USB[®] and CAT 6_A, but they are not HDMI[®], USB[®] and CAT-standard connectors.