



ODU-MAC® Blue-Line



ODU-MAC® White-Line



ODU-MAC® Silver-Line



ODU DOCK Silver-Line

Mating cycles	> 10,000	> 100,000	> 100,000	> 100,000
Mating principle	Manual mating, automatic docking	Manual mating	Automatic docking	Automatic docking
Automatic docking option	1 frame, 4 sizes		7 frame varieties, individual length	
Locking	Per spindle / Locking lever / Push-Pull (PUSH-LOCK)	Per spindle / Locking lever / Snap-In (ZERO)		
Housing	Available in plastic and metal	Available in plastic and metal		3 housing varieties available in plastic and metal
Strain relief housing	•		•	
Highest packing density on the market	Highest packing density in the ODU-MAC® range	•	•	•
Non-magnetic version		•		
EMC-protection	On module basis + PUSH-LOCK housing	On module basis	On module basis	In metal housing
Quick-change head option	•		•	•
Variety of modules	ODU-MAC® Blue-Line	ODU-MAC® White-Line	ODU-MAC® Silver-Line	ODU DOCK Silver-Line
Signal	Up to 33 A / 2,5 mm ²	Up to 27 A / 1,5 mm ²	Up to 27 A / 1,5 mm ²	Up to 27 A / 1,5 mm ²
Power	Up to 58 A / 6 mm ²	Up to 119 A / 16 mm ²	Up to 119 A / 16 mm ²	Up to 119 A / 16 mm ²



ODU-MAC® Blue-Line



ODU-MAC® White-Line



ODU-MAC® Silver-Line



ODU DOCK Silver-Line

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

* These ODU specific connectors can transmit common data transmission protocols such as HDMI®, USB® and Ethernet, but they are not HDMI®, USB® and Ethernet standard connectors.