

Industrial Ethernet Connectivity



Integrate your data communication in a network

Innovative connection solutions from IP20 to IP67

Weidmuller offers a complete range of high quality RJ45 Modular Plug based products for all your industrial ethernet connectivity requirements.

- Tool free, field attachable RJ45 modular plugs are simple to attach, easy to assemble at the shop or onsite. Our flexible outlet directions help you optimize your cable routing.
- DIN rail mounted adapters with straight or diagonal outlets simplify control cabinet assembly and take the strain off sensitive electronic components.
- Our cabinet line industrial grade shielded LSZH patch cords come in standard lengths from 0.2 to 25 meters and over eight different colors to insure you find the right connection for your network. Also available in 90- and 270 degree connection directions.
- FrontCom Micro service ports allow direct access to your drives, switches, PLCs, HMIs or other components without having to open the cabinet door to help save time and money. The compact design uses a simple 22 mm diameter cutout and can be placed almost anywhere on the cabinet surface.
- FrontCom Vario modular service ports let you custom configure exactly what you want and need. Choose from over 30 communication and power ports, more than 20 insert plates and only pay for what you need.
- The Weidmüller Industry Light (WIL) is your solution for control cabinet lighting. Its compact design (8mm H x 40mm W) comes in a wide range of colors and lengths to fit any application.

Service Ports FrontCom Micro

	Type	Part Number
	FrontCom Micro RJ45 coupling 	1018790000
	FrontCom Micro USB coupling, USB 2.0, Type A 	1018840000

Service Interface FrontCom Vario

	Type	Part Number
	Double frame, Metal cover, knob locking	2003170000
	Insert Plate, shielded, 1 x GFCI, 1X Fuse, 2 X Data, 1 x Signal	2004810000
	Fuse Insert 3 Amp	1543690000
	USB 3.0 Flange insert, type A	1487920000
	RJ45 insert socket, Bulkhead inserts coupler	1962840000
	FrontCom, Signal insert D-Sub, 9-pole, Plug, Socket connector	1450850000



Stock Item

Field Attachable RJ45 Connector

	Type		Part Number
 	RJ45 IP20 SteadyTec - EIA/TIA T568 A, EIA/TIA T568 B, PROFINET	always available	1963600000
	RJ45 angled IP20 - EIA/TIA T568 B - Insulation cross-section: 1.1-1.6mm	always available	1992890000
	RJ45 angled IP20 - EIA/TIA T568 B - Insulation cross-section: 0.85-1.1mm	always available	1518090000
	RJ45 angled IP20 - EIA/TIA T568 A - Insulation cross-section: 0.85-1.1mm	always available	1518080000
	RJ45 angled IP20 - EIA/TIA T568 A - Insulation cross-section: 1.1-1.6mm	always available	1992870000

DIN Rail Mounting Outlet

	Type		Part Number
 	Mounting rail outlet, RJ45, Coupling, IP20 Cat.6A / Class EA (ISO/IEC 11801 2010)	always available	8946920000
	Mounting rail outlet, RJ45 module, IDC Connection, IP20, Cat.6A / Class EA (ISO/IEC 11801 2010)	always available	8808360000

RJ45 Patch Cords, LSZH, Shielded

	Type		Part Number
	CabinetLine grey - length: 0.2 meter	always available	1165940002
	CabinetLine grey - length: 0.5 meter	always available	1165940005
	CabinetLine grey - length: 1 meter	always available	1165940010
	CabinetLine grey - length: 2.0 meter	always available	1165940020
	CabinetLine grey - length: 3.0 meter	always available	1165940030
	CabinetLine grey - length: 5.0 meter	always available	1165940050
	CabinetLine grey - length: 10 meter *	always available	1165940100

* Available in custom lengths and over eight colors

Panel Feed-through Adapter

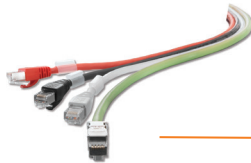
	Type		Part Number
 	Adapter, straight, RJ45, M12, Cat.5 (ISO/IEC 11801), IP67	always available	8901620000
	Adapter, angled, RJ45 90°, M12, Cat.5 (ISO/IEC 11801), IP67	always available	8901630000

What do you need to wire your cabinet?

- Patch Cords
- Mounting Outlets
- Lighting
- Service Interfaces
- Feed-through Adapters
- Power Connectors

RJ45 Patch Cords

- Shielded, LSZH
- Variety of colors for visual differentiation between various networks
- All fitted with Weidmuller TM marking sleeves
- All fitted with protected clips which facilitate pulling through a cable duct
- Available in custom lengths, over eight colors and in angled versions



RJ45 Din Rail

Mounting Outlet – Straight

- 8 wire Cat.6A switchable grounding connection from module/coupling to mounting rail
- IP20
- TS 35
- 1 TE pitch dimension according to DIN43880. Insta-compatible



RJ45 Din Rail

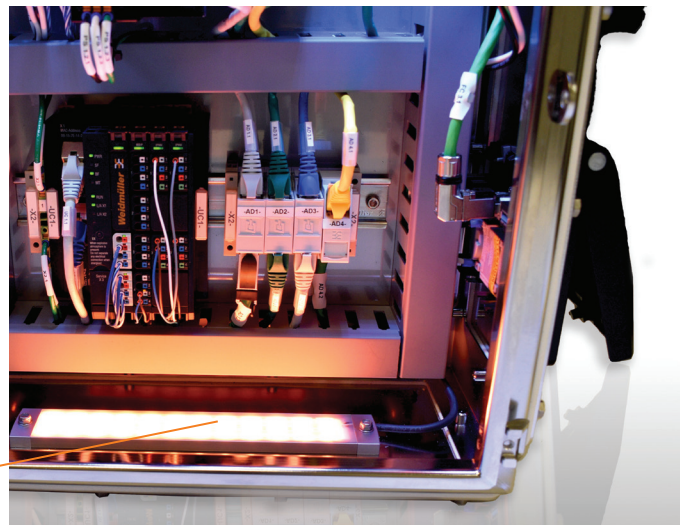
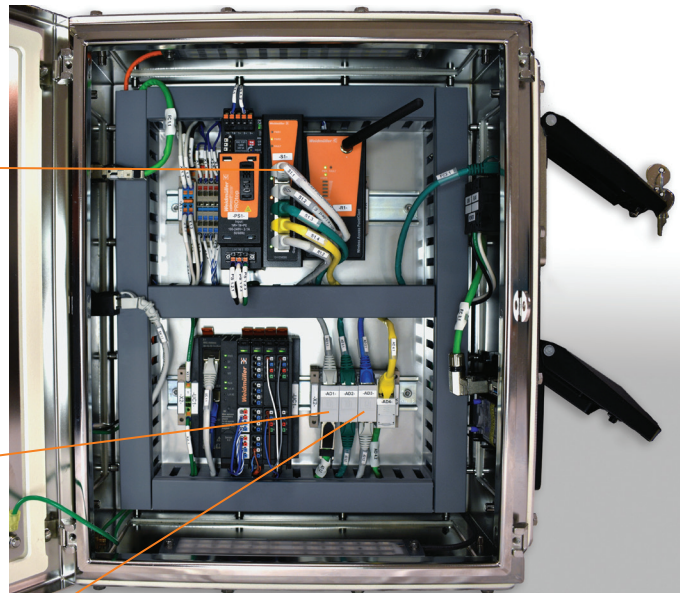
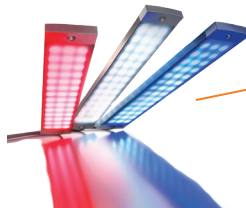
Mounting Outlet – Angled

- 8 wire Cat.6 connection from module/coupling to mounting rail with inspection window for labelling
- 1 TE pitch dimension according to DIN43880. Insta-compatible
- IP20
- TS 35



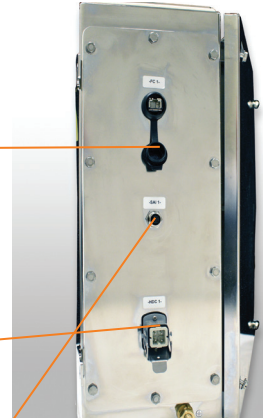
Weidmüller Industry Light (WIL)

- Rugged compact design – 8mm thick
- Low voltage 24 VDC
- Low heat
- IP67
- Various brightness and color options
- Magnet, screw and bracket mounting options



FrontCom Micro Service Interface

- USB 2.0, 3.0 or 2.0 A to B
- Easy to install – 22mm std hole
- IP65



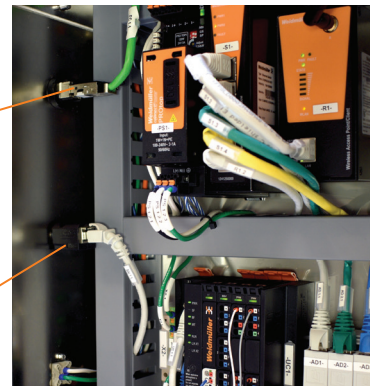
Rockstar HDC Power Connector

- Rugged Cast Aluminum powder coated hood and bulkhead
- IP65
- Various sizes
- Signal, Power, Data connections



Field Attachable RJ45 Connector – Straight

- Tool free, fast field installation
- Cat.6A
- IP20
- Color Coded for EIA/TIA T568 A, B or Profinet



Panel Feed Through Adapter

- Straight and 90-degree options
- M12 D to RJ45 (Cat. 5) or M12 X to RJ45 (Cat.6A)
- IP67



Field Attachable RJ45 Connector – Angled

- Tool free, fast field installation
- Cat.6A for EIA/TIA T568 A, B or Profinet
- IP20
- One part number with a twist – many angle options



FrontCom Vario Service Interface

- 5,000 possible combinations
- Double or single frame, with wide range of power, data and signal inserts
- IP65/NEMA 12 version (Water and Dust tight according to UL50E), NEMA 4X version
- Modular/configurable online



Weidmüller – Your Partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs.

Together we set standards in Industrial Connectivity.

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