

LUTZE Network Connectivity Products

Industrial Network RJ45 Connectors

Application

- Industrial Ethernet Cat6_A connectivity
- Power over Ethernet

Characteristics

- IDC - Insulation Displacement Connector
- Cable entry: straight or angled 90°
- Zinc die-cast housing
- Quick connect technology
- Field wireable
- Easy to install

Technical Data

Temperature	-40°C - +85°C/ -40°F - +185°F
Protection class	IP20
Transmission frequency	10 Gigabits/s
Rated current	Max 1.0A per contact
Shielding	360°
Contact material	Spring steel 0,8 µm gold-plated
Conductor OD	AWG 27-22
Cable OD	5.5 – 10 mm
Approvals	UL
Item Specific Certification	490151 CC-link IE Field

RJ45 IDC Industrial Connector Straight



Part No.	Description	Cable Cross section	Color Code
490174	RJ45 – M 8 pol. Cat6 _A	Solid 24-22/1 Stranded 24-22/7, 19	T568B
490175	RJ45 – M 8 pol. Cat6 _A	Solid 24-22/1 Stranded 24-22/7, 19	T568A
490176	RJ45 – M 8 pol. Cat6 _A	Solid 26-24/1 Stranded 27-24/7, 26/19	T568B
490177	RJ45 – MS 4 pol. Cat6 _A	Solid 24-22/1 Stranded 24-22/7, 19	Profinet

RJ45 IDC Industrial Connector Angled



Part No.	Description	Cable Cross section	Color Code
490151	RJ45 – X 8 pol. Cat6 _A	Solid 24-22/1 Stranded 24-22/7, 19	T568B
490152	RJ45 – X 8 pol. Cat6 _A	Solid 24-22/1 Stranded 24-22/7, 19	T568A
490153	RJ45 – X 8 pol. Cat6 _A	Solid 26-24/1 Stranded 27-24/7, 26/19	T568B
490178	RJ45 – MR 4 pol. Cat6 _A	Solid 24-22/1 Stranded 24-22/7, 19	Profinet

Specifications are subject to change without prior notice