

LUTZE Ethernet and Network Connectors

Field Wireable Industrial Network RJ45 Connectors

Application

- Industrial Ethernet Cat6_A connectivity
- Power over Ethernet

Characteristics

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

Technical Data

| | |
|-----------------------------|---------------------------------|
| Temperature range | -40°C - +85°C -40°F - +185°F |
| Protection class | IP20 |
| Transmission performance | 10 Gigabit/sec |
| Rated current | Max 1.0A per contact |
| Insulation resistance | >500 MΩ |
| Shielding | 360° |
| Contact material | Spring steel 0.8 μm gold-plated |
| Conductor size | AWG 27-22 |
| Cable OD | 5.5 – 10 mm |
| Approvals | UL |
| Item specific certification | 490151 CC-link IE Field |

Specifications are subject to change without prior notice

RJ45 Plug IDC Industrial Connector Straight



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

RJ45 Plug IDC Industrial Connector 90° Angled



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