



RJ45 patch cables

The right patch cables for your application



RJ45 patch cables for industrial applications

Individual cabling solutions in industrial applications

The RJ45 patch cables in the INDUSTRIAL series were specifically developed for industrial applications. The shielding concept, vibration resistance, and robust molding ensure reliable data transmission in industrial areas. With the different outlet directions and the wide variety of cables offered by Phoenix Contact, you will find the right cable for flexible installation, drag chains, and robots.

Technical data

- Robust molded connector
- 360° shroud
- Five cable outlet directions*
- CAT5 (4-pos. up to 100 Mbps, 8-pos. up to 1 Gbps)
- CAT6_A (up to 10 Gbps)
- One-design connector
- Maximized insertion depth
- All cables are part of the RJ45 INDUSTRIAL connector system
- Approvals: CE, RoHS, REACH, WEEE, EAC, UL



Ideal for demanding data transmission applications in industrial areas

Cable overview: RJ45 INDUSTRIAL								
Cable	93B	93C	93M	93K	93R	94B	94C	94F
Schema								
Sheath	PVC	PUR	PUR	PVC	PUR	PUR	PUR	PUR
Design	AWG 22/7	AWG 22/19	AWG 22/7	AWG 22/7	AWG 22/19	AWG 26/7	AWG 26/19	AWG 26/7
Shielding	SFTQ	SFTQ	SFTQ	SFTQ	SFTQ	SF/UTP	SF/UTP	S/FTP
Transmission category	CAT5 (100 Mbps)	CAT5 (100 Mbps)	CAT5 (100 Mbps)	CAT5 (100 Mbps)	CAT5 (100 Mbps)	CAT5 (1 Gbps)	CAT5 (1 Gbps)	CAT6 _A (10 Gbps)
Application	Type B Flexible	Type C Drag chain	Type B Flexible	Type B Flexible	Type R Robot	Type B Flexible	Type C Drag chain	Type B Flexible

Detailed information on our cables can be found in the technical data for the item in our web shop

INDUSTRIAL patch cables														
 Web code: #2675														
Configurable item*	1247656				1247661				1247639		1247647		1387606	1387607
Cable	93B, 93C, 93M, 93K, 93R								94B, 94C, 94D				94F	
Protocol	PROFINET / EtherCAT® / Sercos								Ethernet					
Transmission speed	CAT5 (up to 100 Mbps)								CAT5 (up to 1 Gbps)				CAT6 _A (up to 10 Gbps)	
Cable	93B	93C	93M	93K	93B	93C	93M	93K	94B	94C	94B	94C	94F	94F
0.5 m	1112785	1112939	1112925	1112931	1112877	1112871	1113336		1441453	1112918	1441195	1113331	1113823	1113204
1.0 m	1112817	1112937	1112924	1112930	1112876	1112857	1113335		1441456	1112916	1441200	1113212	1112909	1113202
2.0 m	1112820	1112936	1112923	1112929	1112875	1112870	1113334		1441463	1112914	1441443	1113211	1112908	1113198
3.0 m	1112823	1112935	1112921	1112928	1112874	1112869	1113333	1112858	1441464	1112913	1441444	1113210	1112907	1113197
5.0 m	1112856	1112933	1112920	1112927	1112873	1112868	1113332	1113178	1441466	1112912	1441659	1113209	1112906	1113196

Standard item in fixed length (other lengths available under web code #2675)

* Configurable cable and length between 0.5 m and 90.0 m

RJ45 patch cables for standard applications

Future-proof cabling solutions in building automation

Patch cables from the RJ45 Standard series are ideal for use in buildings or protected industrial applications. Regardless of whether the network is established inside a building or control cabinet, the patch cables from Phoenix Contact ensure reliable transmission up to 10 Gbps.

- Technical data**
- Cable sheath with Low Smoke Zero Halogen (LSZH) material class
 - CAT5 up to 1 Gbps
 - CAT6_A up to 10 Gbps
 - Reliable locking clip protection
 - Power over Ethernet (PoE++/4PPoe)
 - 360° shielding of the connector and cable
 - 0.3 to 20 m versions
 - Approvals: CE, RoHS, REACH, WEEE, EAC, UL



Ideal for building applications due to the LSZH cable sheath

RJ45 standard patch cables		
 Web code: #2676		
Length	Item no. CAT5 (up to 1 Gbps)	Item no. CAT6 _A (up to 10 Gbps)
0.3 m	1227558	1227572
0.5 m	1227559	1227573
1 m	1227560	1227575
1.5 m	1227561	1227578
2 m	1227562	1227580
3 m	1227563	1227581
5 m	1227564	1227583
7.5 m	1227565	1227585
10 m	1227566	1227588
12.5 m	1227567	1227590
15 m	1227570	1227591
20 m	1227571	1227593

Configurator for cables and lines

Our configurator directs you to the appropriate RJ45 patch cable for your application – whether for industrial or building applications.





Open communication with customers and partners worldwide

Phoenix Contact is a global market leader based in Germany. We are known for producing future-oriented products and solutions for the electrification, networking, and automation of all sectors of the economy and infrastructure. With a global network reaching across more than 100 countries with over 20,000 employees, we maintain close relationships with our customers, something we believe is essential for our common success.

Our wide range of innovative products makes it easy for our customers to implement the latest technology in a variety of applications and industries. This especially applies to the target markets of energy, infrastructure, industry, and mobility.

You can find your local partner at
phoenixcontact.com