

EPIC® DATA 90 RJ45 Cat.6A

RJ45 field mountable Industrial Ethernet connector, IP20; qualified for 10 Gbit data transmission, acc. to TIA568 A; with metal housing, for industrial environment



Automation



Wide clamping range



Industrial machinery and plant engineering



Mechanical resistance



Assembly time



Interference signals

Info

CAT.6A qualified for 10Gbit/s
installation without tools
4 different angled cable outlets possible

Norm references / Approvals

Field assembly Industrial Ethernet connector, RJ45 according to IEC 60603-7-51
UL-listed (E-File E353543)

Product features

cable outlet in 4 different 90° angles possible
Qualified for 10 Gigabit Ethernet
Housing: zinc die-casting, grey
suitable for stranded cores with AWG27/7 -22/7 and for solid conductors with AWG24/1- 22/1
Suitable for use in industrial applications
available with colour code T568A or T568B

Technical Data

| | |
|----------------------------------|----------------|
| Protection rating: | IP 20 |
| Ambient temperature (operation): | -40°C to +85°C |

Note

Photographs are not to scale and do not represent detailed images of the respective products.
An approval is necessary for 19-wire cables by Lapp Group





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| Part number | Article designation | Min. outer diameter (mm) | Max. outer diameter (mm) | Min. Core diameter in mm | Max. Core diameter in mm | AWG solid | AWG 7-wire | AWG 19-wire |
|--|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|------------|-------------|
| RJ45 connector acc. to T568A | | | | | | | | |
| 21700636 | ED-IE-90-6A-A-20-FC | 5.5 | 10.0 | 1.00 | 1.6 | 24 - 22 | 27 - 22 | |
| RJ45 connector acc. to T568A, specifically for cables with 19-wire cores | | | | | | | | |
| 21700639 | ED-IE-90-6A-A-20-FD-FC | 5.5 | 10.0 | 0.85 | 1.1 | 26 - 24 | 27 - 24 | 26 |
| RJ45 connector acc. to T568B | | | | | | | | |
| 21700637 | ED-IE-90-6A-B-20-FC | 5.5 | 10.0 | 1.00 | 1.6 | 24 - 22 | 27 - 22 | |
| RJ45 connector acc. to T568B, specifically for cables with 19-wire cores | | | | | | | | |
| 21700640 | ED-IE-90-6A-B-20-FD-FC | 5.5 | 10.0 | 0.85 | 1.1 | 26 - 24 | 27 - 24 | 26 |