

## EPIC® DATA RJ45

RJ45 field mountable Industrial Ethernet connector, straight or angled, IP20, qualified for up to 10 Gbit/s, colour-coded for TIA or PROFINET applications

### Info

Cat.6<sub>A</sub> acc. to ISO/IEC 11801

Colour-coded assembly aid  
installation without tools



Supplementary automation components from Lapp



Mechanical and plant engineering



Wide clamping range



Mechanical resistance



Assembly time



Interference signals

### Product features

Field assembly Industrial Ethernet RJ45 connector

Suitable for 10BASE-T / 100BASE-T / 1000BASE-T / 10GBASE-T

Housing: zinc die-casting, grey

4 different angled cable outlets possible

Suitable for use in industrial applications

### Norm references / Approvals

Cat.6<sub>A</sub> acc. to ISO/IEC 11801

Last Update (01.09.2020)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## EPIC® DATA RJ45

RJ45 acc. to IEC 60603-7-51  
UL-listed (E-File E353543)

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001121 ETIM 5.0 Class-Description: Modular connector
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001121 ETIM 6.0 Class-Description: Modular connector
Protection rating:	IP 20
Ambient temperature (operation):	-40°C to +85°C

### Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

An approval is necessary for 19-wire cables by Lapp Group

Approved cables: 2170289, 2170489 ETHERLINE® Cat.5e FD; CE217489 ETHERLINE® Cat.5 FD BK; 2170488 ETHERLINE® Cat.6 FD, Freigegebene Leitungen: 2170489 ETHERLINE® Cat.5e FD; CE217489 ETHERLINE® Cat.5 FD BK; 2170488 ETHERLINE® Cat.6 FD, 2170888 ETHERLINE® TORSION CAT5

## EPIC® DATA RJ45

Article number	Design	Article designation	Min. outer diameter (mm)	Max. outer diameter (mm)	Min. Core diameter in mm	Max. core diameter including insulation	AWG solid	AWG 7-wire	AWG 19-wire
PROFINET colour-coding (2-pairs)									
21700605	Straight, latched	ED-IE-AX-5-PN-20-FC	5	9	1	1.6	24 - 22	27 - 22	22*
21700651	Straight, screwed	ED-IE-AXS-5-PN-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	22*
21700638	Angled, screwed	ED-IE-90-6A-PN-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	22*
colour-coded acc. to EIA/TIA 568A									
21700600	Straight, latched	ED-IE-AX-6A-A-20-FC	5	9	1	1.6	24 - 22	27 - 22	-
21700652	Straight, screwed	ED-IE-AXS-6A-A-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	-
21700636	Angled, screwed	ED-IE-90-6A-A-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	-
colour-coded acc. to EIA/TIA 568B									
21700601	Straight, latched	ED-IE-AX-6A-B-20-FC	5	9	1	1.6	24 - 22	27 - 22	-
21700653	Straight, screwed	ED-IE-AXS-6A-B-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	-
21700637	Angled, screwed	ED-IE-90-6A-B-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	-
colour-coded acc. to EIA/TIA 568A for small wire diameters									
21700615	Straight, latched	ED-IE-AX-6 <sub>A</sub> -A-20-FD-FC	5	9	0.85	1.1	26 - 24	27 - 24	26*
21700654	Straight, screwed	ED-IE-AXS-6A-A-20-FD-FC	5.5	10	0.85	1.1	26 - 24	27 - 24	26*
21700639	Angled, screwed	ED-IE-90-6A-A-20-FD-FC	5.5	10	0.85	1.1	26 - 24	27 - 24	26*
colour-coded acc. to EIA/TIA 568B for small wire diameters									
21700616	Straight, latched	ED-IE-AX-6 <sub>A</sub> -B-20-FD-FC	5	9	0.85	1.1	26 - 24	27 - 24	26*
21700655	Straight, screwed	-	5.5	10	0.85	1.1	26 - 24	27 - 24	26*

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Article number	Design	Article designation	Min. outer diameter (mm)	Max. outer diameter (mm)	Min. Core diameter in mm	Max. core diameter including insulation	AWG solid	AWG 7-wire	AWG 19-wire
21700640	Angled, screwed	ED-IE-90-6A-B-20-FD-FC	5.5	10	0.85	1.1	26 - 24	27 - 24	26*

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