

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_A 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_A acc. to ISO/IEC 11801

Last Update (27.02.2020)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

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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

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Article number	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	ED-IE-AX-5-PN-20-FC	5	9	1	1.6	24 - 22	27 - 22	22*
21700651	ED-IE-AXS-5-PN-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	22*
21700638	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	ED-IE-AX-6A-A-20-FC	5	9	1	1.6	24 - 22	27 - 22	-
21700652	ED-IE-AXS-6A-A-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	-
21700636	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	ED-IE-AX-6A-B-20-FC	5	9	1	1.6	24 - 22	27 - 22	-
21700653	ED-IE-AXS-6A-B-20-FC	5.5	10	1	1.6	24 - 22	27 - 22	-
21700637	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	ED-IE-AX-6 _A -A-20-FD-FC	5	9	0.85	1.1	26 - 24	27 - 24	26*
21700654	ED-IE-AXS-6A-A-20-FD-FC	5.5	10	0.85	1.1	26 - 24	27 - 24	26*
21700639	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	ED-IE-AX-6 _A -B-20-FD-FC	5	9	0.85	1.1	26 - 24	27 - 24	26*
21700655	-	5.5	10	0.85	1.1	26 - 24	27 - 24	26*
21700640	ED-IE-90-6A-B-20-FD-FC	5.5	10	0.85	1.1	26 - 24	27 - 24	26*

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