



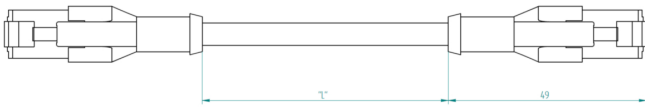
Product: [RJ45-RJ45-965 CN](#) 

Gigabit Ethernet Cat5e Data Double-Ended Cordset, male straight black RJ45 to male straight black RJ45, shielded, LSNH grey ECE R118 cable, 8-wires, 4x2xAWG26

Product Description

Gigabit Ethernet Cat5e Data Double-Ended Cordset, male straight black RJ45 to male straight black RJ45, shielded, LSNH grey ECE R118 cable, 8-wires, 4x2xAWG26

Technical Drawing





Technical Specifications

Product Description

Brand:	Belden
Connector Type:	Cordset, double ended
Shielding:	Shielded
Operating Voltage:	30 V AC / 42 V DC
Rated Current*:	1.5 A
Data Transmission:	Gigabit Ethernet Cat5e
Data Transmission Rate:	1Gbit/s

Technical Data Side 1

Type of Contact / Gender:	Male
Connector Design:	Straight
Number of Pins:	4
Coding:	RJ45
Ambient Temperature (Operation)*:	- 20 °C ~+ 70 °C
Protection Degree / IP Rating**:	IP20
Contact Plating:	Gold
Housing Material:	PC - Polycarbonate, UL 94V-0 rated
Attachment Plating:	Gold plating in contact area
Note:	**Only if mounted and locked in combination with Belden / Hirschmann / Lumberg Automation connector

Cable Data

Cable Number:	965
Conductor Size:	26 AWG
Number of Wires:	4x2
Minimal Bending Radius (Fixed Inst):	21 mm
Minimal Bending Radius (Flexible Inst):	42 mm
Conductor material:	Cu [Bare Copper]
Cable Jacket Material:	LSNH
Cable Jacket Color:	grey
Cable Diameter D:	ø 5.40 ± 0.30 mm
Wire Insulation Material:	Polyethylen
Insulated Wire Diameter:	ø 0.95 mm
Foil shield:	laminated Aluminium/ Polyester foil, Aluminium facing inside, in contact with drain wire
Ambient Temperature (Fixed Installation):	- 30°C ~ + 60 °C
Ambient Temperature (Flex Installation):	0°C ~ + 50 °C
Flammability Class (Cable Jacket):	tests in acc. With IEC 60332-1, ECE R118 Smoke density acc. to IEC 61034-1/2 & EN 50268-1/2: 60 %

Cable Characteristics:	laminated Aluminium/ Polyester foil, Aluminium facing inside, in contact with drain wire, tests in acc. With IEC 60332-1, ECE R118, Smoke density acc. to IEC 61034-1/2 & EN 50268-1/2: 60 %
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Technical Data Side 2

Type of Contact / Gender, Side 2:	Male
Connector Design, Side 2:	Straight
Coding, Side 2:	RJ45
Ambient Temperature (Operation), Side 2*:	-20 °C ~ + 70 °C
Protection Degree / IP Rating, Side 2**:	IP20
Contact Plating, Side 2:	Gold
Housing Material, Side 2:	PC - Polycarbonate, UL 94V-0 rated
Attachment Plating, Side 2:	Gold plating in contact area

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.22 Revision Date: 02-21-2025
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Variants

Item #	Cable Length
934638812	1m
934638810	0.3 m
934638811	0.6 m
934638813	1.5 m
934638814	2 m
934638821	12.5 m
934638815	3 m
934638816	4 m
934638817	5 m
934638818	6 m
934638819	7.5 m
934638820	10 m
934638822	15 m
934638823	17 m
934638824	20 m
934638825	23 m
934638826	25 m
934638827	27 m
934638828	30 m
934638829	35 m
934638830	40 m
934638831	45 m
934638832	50 m

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