

24441200	DATA SHEET	
Valid from: 17.09.2018	ETHERLINE® LAN Cat.6A RJ45 (*L) (*F)	

Description

- Patchcord Cat.6_A, shielded, div. colors
- For Office Area
- Straight RJ45-plug on straight RJ45-plug



General characteristics

Connection method, connector	RJ45 plug
Number of pins	8
Ambient temperature	-20 to +60 °C (-4°F to 140°F) (cable fixed installation)
Degree of protection	IP20
Shielding	shielded

Variation

Articlenumber

(*L) [m] ↓	(*F) = GY	(*F) = RD	(*F) = GN	(*F) = BU	(*F) = YE	(*F) = BK	(*F) = WH
0,5	24441200	24441208	24441216	24441224	24441232	24441240	24441248
1,0	24441201	24441209	24441217	24441225	24441233	24441241	24441249
1,5	24441202	24441210	24441218	24441226	24441234	24441242	24441250
2,0	24441203	24441211	24441219	24441227	24441235	24441243	24441251
3,0	24441204	24441212	24441220	24441228	24441236	24441244	24441252
5,0	24441205	24441213	24441221	24441229	24441237	24441245	24441253
7,5	24441206	24441214	24441222	24441230	24441238	24441246	24441254
10,0	24441207	24441215	24441223	24441231	24441239	24441247	24441255

Related description

ETHERLINE® LAN Cat.6A RJ45 (*L = cable length) (*F = color of Patchcord)

Additional Note

Data sheet also valid for variant lengths. Other lengths on request. Maximum length 60 m.

Electrical properties

Rated voltage	50 VDC (max.)
Rated current	1 A (max.)

Transmission characteristics

Category (ISO)	6A
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Mechanical properties

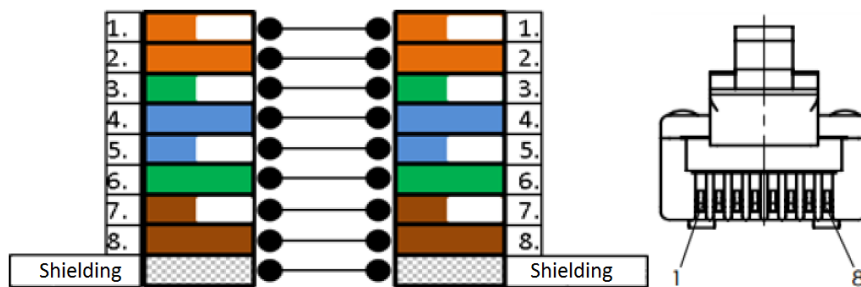
RJ45-plug

Inflammability class according to UL 94	V0
Housing & insert	PC
Contact	Cu
Contact surface	Ni / Au
2K-boot, plug protection	PE
2K-boot, bend protection	TPE

Line

Cable construction	4x2xAWG27/7
Cable outer diameter	ca. 5.7 mm
Bending radius	5 x Cable outer diameter (min.)
Outer coating, material	FRNC
Flame resistance	acc. IEC 60332-1-2
Halogen-free	acc. IEC 60754-1/2

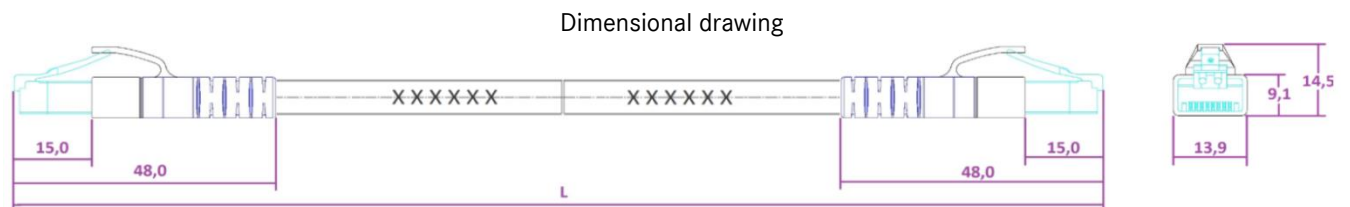
Connector pin assignment



Standards / Approval

Product standard, RJ45-connector	IEC 60603-7-51
Generic cabling for customer premises – General requirements	ISO/IEC 11801, Chapter 13, Category 6A

Technical drawing



Application range

Office area (tertiary section), generic cabling for customer premises

Note

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

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