

DATASHEET

Cat.8.1/Class I Extension

Cat.8.1



Description

Robust special rubber cable drum, complete with Cat.8.2 S/FTP installation cable, integrated outlet Cat.8.1 1 x RJ45 with dust cap and 1 x Cat.8.1 RJ45 plug. Very well suited to mobile use, for exhibitions, presentations, outside broadcasting vans, measuring sections etc.

General data

Category	8.1
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Contacts	Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Length imprint	False
Anti-kink sleeve	without
Dust cover	yes

Mechanical characteristics

Mating cycles	≥750
Bending radius	8 x OD
Conductive shield	360° shield contact

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DATASHEET

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Cable construction

Raw cable	Cat.8.1
Cable structure	S/FTP
Cable construction	4x2
AWG-size/strands per core	23

Cable sheath

Jacket material	LSZH
Colour outer sheath	yellow
Outer diameter of the cable	8.5 mm
Euro class	Dca
Flame-retardant	acc. IEC60332-3
Halogen-free	acc. IEC60754-2
Low smoke	acc. IEC61034

Environmental conditions

Temperature Range (Operation)	-20 – 60 °C
Temperature Range (Storage)	-20 – 60 °C
Temperature Range (Installation)	0 – 50 °C

Electrical characteristics

NVP value	73 %
POE class	PoE acc. to IEEE802.3af

Transmission characteristics

Bandwidth	2000MHz
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Standards, approvals, certifications

Harmonised Standard	EN 50575
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Available variants

Article no.	Title	Length
K9211.25	Cat.8.1/Class I Extension 25m, on cable drum	25.0 m
K9211.50	Cat.8.1/Class I Extension 50m, on cable drum	50.0 m

accessory

K5528RT.2	RJ45 Patch cable S/FTP, Cat.8.1, BC, red
K5528SW.3	RJ45 Patch cable S/FTP, Cat.8.1, BC, black
K5528GR.5	RJ45 Patch cable S/FTP, Cat.8.1, BC, grey

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similar product

K9210.50

Cat.8.1/Class I Installation link

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