DATASHEET

RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, grey



Cat.6A | 10 Gbit | 500 MHz | 100% CU

Description

The unshielded Cat.6A RJ45 premium patch cable ensures very good characteristics for **10 Gigabit Ethernet** applications. The patch cable is **100% tested**. A label on the cable with the **serial number** guarantees traceability. The moulded grommet captivates with its **slim design** and thus simplifies the insertion process in cramped conditions.

Cross section 4 x 2 x **AWG24/7**
Cast anti-kink grommet, slim design
Serial number: Label on cable
Measurement protocol included

General data	
Category	6A (TIA)
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	RJ45 Standard blue
Contacts	50 µ" gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Unshielded
Anti-kink sleeve	moulded
Colour anti-kink sleeve	grey
Locking lever	yes

Mechanical characteristics	
Mating cycles	1200
Bending radius	30 mm

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Cable construction	
Cable structure	U/UTP
Cable construction	4x2
AWG-size/strands per core	24/7
Conductor Material	Copper

Cable sheath	
Jacket material	LSZH
Colour outer sheath	grey
Printing	Cat.6A PREMIUM Patchcord U/UTP 4x2xAWG24/7 ISO/IEC11801 TIA/EIA-568-C.2 ***10Gigabit Ethernet***
Outer diameter of the cable	6.0 mm
Flame-retardant	acc. IEC60332-1
Halogen-free	yes
Low smoke	yes

Environmental conditions	
Temperature range	0 – 60 °C

Electrical characteristics	
NVP value	- %

Transmission characteristics	
Bandwidth	500MHz

Standards, approvals, certifications	
Connector	IEC 60603-7-41

Available variants

Article no.	Title	Length
K8103GR.0,5	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 0,5m, grey	0.5 m
K8103GR.1	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 1m, grey	1.0 m
K8103GR.1,5	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 1,5m, grey	1.5 m
K8103GR.2	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 2m, grey	2.0 m
K8103GR.3	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 3m, grey	3.0 m
K8103GR.5	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 5m, grey	5.0 m
K8103GR.7,5	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 7.5m, grey	7.5 m
K8103GR.10	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 10m, grey	10.0 m

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K8103GR.15	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 15m, grey	15.0 m

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Technical drawings





