DATASHEET

RJ45 Patch cable S/FTP, Cat.6, LSZH, green



Cat.6 | 5 Gbit | 250 MHz | 100% CU

Description

The shielded Cat.6 RJ45 patch cable with ensures excellent performance for 5 Gigabit Ethernet applications.

Cross section 4 x 2 x AWG27/7
Moulded grommet **(patented)**
Length imprint on the boot

General data	
Category	6
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	RJ45 Standard
Contacts	Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Length imprint	yes
Anti-kink sleeve	moulded
Colour anti-kink sleeve	green
Locking lever	yes

Mechanical characteristics	
Mating cycles	≥750
Bending radius	>31 mm
Conductive shield	Selected shield contact

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Patch cable S/FTP, Cat.6, LSZH, green

Cable construction	
Cable structure	S/FTP
Cable construction	4x2
AWG-size/strands per core	27/7
Conductor Material	Copper

Cable sheath	
Silicone-free	yes
Jacket material	LSZH
Colour outer sheath	green
Printing	Cat.6 S/FTP 4x2xAWG27/7 PIMF ISO/IEC 11801 & EN50173-1 TIA/EIA 568B.2-1 Halogen Free ***Gigabit***
Outer diameter of the cable	6.2 mm
Flame-retardant	acc. IEC60332-1
Halogen-free	yes
Low smoke	yes

Environmental conditions	
Temperature range	0 – 60 °C

Electrical characteristics	
NVP value	- %
Conductor resistance DC	185 Ω/km
Loop resistance	370 Ω/km
Resistance unbalance	5 %
Insulation resistance	10 MΩ
Contact resistance	30 mΩ

Transmission characteristics	
Bandwidth	250MHz

Standards, approvals, certifications	
Connector	IEC 60603-7-5

Available variants

Article no.	Title	Length
K5514.0,15	RJ45 Patch cable S/FTP, Cat.6, LSZH, 0.15m, green	0.15 m

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

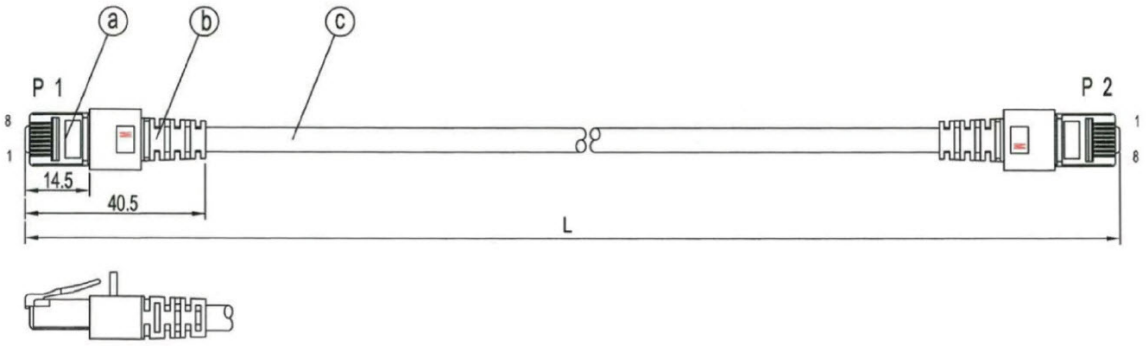
WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Patch cable S/FTP, Cat.6, LSZH, green

K5514.0,25	RJ45 Patch cable S/FTP, Cat.6, LSZH, 0.25m, green	0.25 m
K5514.0,5	RJ45 Patch cable S/FTP, Cat.6, LSZH, 0.5m, green	0.5 m
K5514.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, 1m, green	1.0 m
K5514.1,5	RJ45 Patch cable S/FTP, Cat.6, LSZH, 1.5m, green	1.5 m
K5514.2	RJ45 Patch cable S/FTP, Cat.6, LSZH, 2m, green	2.0 m
K5514.3	RJ45 Patch cable S/FTP, Cat.6, LSZH, 3m, green	3.0 m
K5514.5	RJ45 Patch cable S/FTP, Cat.6, LSZH, 5m, green	5.0 m
K5514.7,5	RJ45 Patch cable S/FTP, Cat.6, LSZH, 7.5m, green	7.5 m
K5514.10	RJ45 Patch cable S/FTP, Cat.6, LSZH, 10m, green	10.0 m
K5514.15	RJ45 Patch cable S/FTP, Cat.6, LSZH, 15m, green	15.0 m
K5514.20	RJ45 Patch cable S/FTP, Cat.6, LSZH, 20m, green	20.0 m
K5514.25	RJ45 Patch cable S/FTP, Cat.6, LSZH, 25m, green	25.0 m
K5514.30	RJ45 Patch cable S/FTP, Cat.6, LSZH, 30m, green	30.0 m
K5514.40	RJ45 Patch cable S/FTP, Cat.6, LSZH, 40m, green	40.0 m
K5514.50	RJ45 Patch cable S/FTP, Cat.6, LSZH, 50m, green	50.0 m

Technical drawings



similar product

K5521.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, violet
K5519.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, magenta
K5518.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, white
K5517.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, brown
K5516.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, orange
K5513.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, blue
K5515.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, black
K5512.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, red
K5511.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, yellow

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Patch cable S/FTP, Cat.6, LSZH, green

similar product	
K5510.1	RJ45 Patch cable S/FTP, Cat.6, LSZH, grey

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION