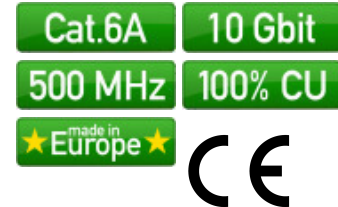


RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, yellow



Description

The Cat.6A RJ45 patch cable **manufactured in Europe** guarantees very good characteristics for **10 Gigabit** Ethernet applications. The patch cable is composed of the Cat.7 raw cable **F6-90 S/F** from Leoni-Kerpen and **TM21** connectors from Hirose.

Cross section 4 x 2 x AWG27/7
Mounted anti-kink grommet

General data

Category	6A (TIA)
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	TM21 red
Cable type	Leoni-Kerpen F6-90 S/F
Contacts	Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Anti-kink sleeve	put-on
Colour anti-kink sleeve	yellow
Locking lever	yes

Mechanical characteristics

Mating cycles	≥750
Bending radius	>28,5 mm
Conductive shield	360° shield contact

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



RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, yellow

Cable construction

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

Cable sheath

Jacket material	LSZH
Colour outer sheath	yellow
Outer diameter of the cable	5.7 mm
Flame-retardant	acc. IEC60332-1
Halogen-free	acc. IEC60754-2
Low smoke	nach IEC61034

Environmental conditions

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

Electrical characteristics

NVP value	78 %
Impedance	100 ±5 Ω
Conductor resistance DC	170 Ω/km
Loop resistance	340 Ω/km
Insulation resistance	5000 MΩ
Test voltage	1000 (V DC, 1min) core/core und core/screen

Transmission characteristics

Bandwidth	500MHz
-----------	--------

Standards, approvals, certifications

Connector	IEC 60603-7-51
-----------	----------------

Available variants

Article no.	Title	Length
K8210GE.0,50	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 0,5m, yellow	0.5 m
K8210GE.1	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 1,0m, yellow	1.0 m
K8210GE.1,5	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 1,5m, yellow	1.5 m

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

RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, yellow

K8210GE.2	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 2,0m, yellow	2.0 m
K8210GE.3	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 3,0m, yellow	3.0 m
K8210GE.5	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 5,0m, yellow	5.0 m
K8210GE.7,5	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 7,5m, yellow	7.5 m
K8210GE.10	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 10,0m, yellow	10.0 m
K8210GE.15	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 15,0m, yellow	15.0 m
K8210GE.20	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 20,0m, yellow	20.0 m
K8210GE.25	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 25m, yellow	25.0 m
K8210GE.30	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, 30m, yellow	30.0 m

similar product

K8210RT.1	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, red
K8210GN.1	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, green
K8210GR.1	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, grey
K8210BL.1	RJ45 Patch cable S/FTP, Cat.6A, TM21, Leoni-Kerpen F6-90 S/F, blue