## RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, yellow







#### **Description**

The shielded Cat.6A RJ45 patch cable with **component certification** from the GHMT ensures excellent performance for 10 Gigabit Ethernet applications. The **TPE** outer sheath makes the cable **highly flexible** and thus easier to handle. The moulded grommet captivates with its **slim design** and thus simplifies the insertion process in cramped conditions.

Very flexible TPE/LSZH outer sheath superflex Cross section 4 x 2 x AWG26 / 7 Moulded grommet, slim design

### Length imprint on the boot

General data	
Category	6A (IEC)
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
Туре	Shielded
Length imprint	yes
Anti-kink sleeve	moulded
Colour anti-kink sleeve	yellow
Locking lever	True

Mechanical characteristics	
Mating cycles	≥750
Bending radius	>32,5 mm

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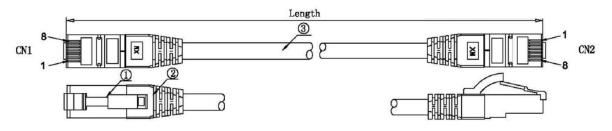
Mechanical characteristics	
Conductive shield	360° shield contact
Cable construction	
Raw cable	Cat.7
Cable structure	S/FTP
Cable construction	4x2
AWG-size/strands per core	26/7
Conductor Material	Copper
Cable sheath	
Silicone-free	yes
Jacket material	TPE/LSZH
Colour outer sheath	yellow
Printing	Cat.6A Patchcord SUPERFLEX S/FTP
Outer diameter of the cable	6.5 mm
Flame-retardant	acc. IEC60332-1
Halogen-free	acc. IEC60754-2
Low smoke	acc. IEC61034
Environmental conditions	
Temperature range	-20 – 75 °C
Electrical characteristics	
NVP value	- %
Impedance	100 ±15 Ω
Conductor resistance DC	142 Ω/km
Loop resistance	284 Ω/km
Resistance unbalance	2 %
Insulation resistance	100 ΜΩ
Contact resistance	30 mΩ
Test voltage	1000 (V DC, 1min) core/core und core/screen
Transmission characteristics	
Bandwidth	500MHz
Standards, approvals, certifications	
Connector	IEC 60603-7-51

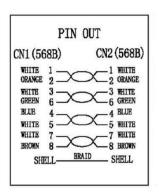
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Available variants			
Article no.	Title	Length	
K5525FGE.0,15	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,15m, yellow	0.15 m	
K5525FGE.0,25	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,25m, yellow	0.25 m	
K5525FGE.0,5	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,5m, yellow	0.5 m	
K5525FGE.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 1m, yellow	1 m	
K5525FGE.1,5	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 1,5m, yellow	1.5 m	
K5525FGE.2	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 2m, yellow	2 m	
K5525FGE.3	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 3m, yellow	3 m	
K5525FGE.5	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 5m, yellow	5 m	
K5525FGE.7,5	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 7,5m, yellow	7.5 m	
K5525FGE.10	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 10m, yellow	10 m	
K5525FGE.15	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 15m, yellow	15 m	
K5525FGE.20	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 20m, yellow	20 m	
K5525FGE.25	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 25m, yellow	25 m	
K5525FGE.30	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 30m, yellow	30 m	

#### **Technical drawings**





#### similar product

K5525FWS.1

RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, white

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similar product	
K5525FSW.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, black
K5525FRT.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, red
K5525FGR.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, grey
K5525FGN.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, green
K5525FBL.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, blue