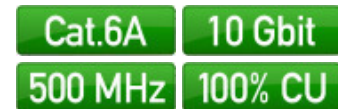


RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, red



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
Type	Shielded
Length imprint	yes
Anti-kink sleeve	moulded
Colour anti-kink sleeve	red
Locking lever	True

Mechanical characteristics

Mating cycles	≥750
Bending radius	>32,5 mm

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



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

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	red
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 MΩ
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
-----------	----------------

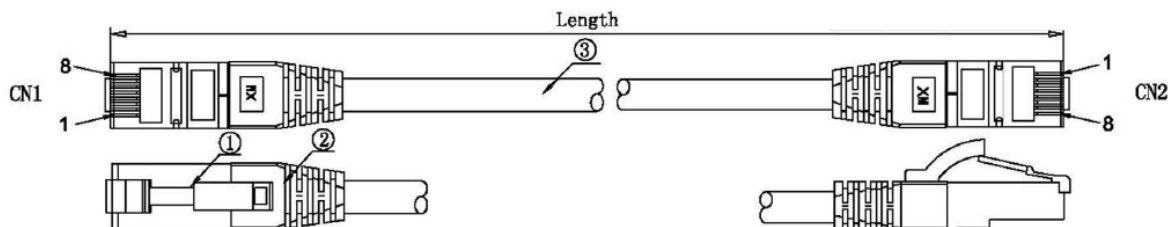
This datasheet was created automatically on 05-02-2020 . Technical changes reserved.

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

Available variants

Article no.	Title	Length
K5525FRT.0,15	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,15m, red	0.15 m
K5525FRT.0,25	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,25m, red	0.25 m
K5525FRT.0,5	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,5m, red	0.5 m
K5525FRT.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 1m, red	1.0 m
K5525FRT.1,5	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 1,5m, red	1.5 m
K5525FRT.2	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 2m, red	2.0 m
K5525FRT.3	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 3m, red	3.0 m
K5525FRT.5	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 5m, red	5.0 m
K5525FRT.7,5	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 7,5m, red	7.5 m
K5525FRT.10	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 10m, red	10.0 m
K5525FRT.15	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 15m, red	15.0 m
K5525FRT.20	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 20m, red	20.0 m
K5525FRT.25	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 25m, red	25.0 m
Article no.	Title	Length
K5525FRT.30	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 30m, red	30.0 m

Technical drawings



PIN OUT	
CN1 (568B)	CN2 (568B)
WHITE 1	WHITE 1
ORANGE 2	ORANGE 2
WHITE 3	WHITE 3
GREEN 6	GREEN 6
BLUE 4	BLUE 4
WHITE 5	WHITE 5
WHITE 7	WHITE 7
BROWN 8	BROWN 8
SHELL	SHELL
BRAID	BRAID

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

similar product

K5525FWS.1	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, white
K5525FSW.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, black
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
K5525FGE.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, yellow
K5525FBL.1	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, blue

