

## DATASHEET

### INFRALAN® Cat.6A Patch Cable S/FTP 500Mhz, grey



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

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	01:01:00
Allocation	acc. TIA/EIA 568B
Type	Shielded
Length imprint	yes
Anti-kink sleeve	moulded
Colour anti-kink sleeve	grey
Locking lever	True
Mating cycles	750
Bending radius	5 x D
Conductive shield	360° shield contact
Raw cable	Cat.7
Cable structure	S/FTP
Cable construction	4x2
AWG-size/strands per core	26/07/19
Conductor Material	Copper
Silicone-free	yes
Jacket material	TPE/LSZH
Colour outer sheath	grey
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
Temperature range	-20 – 75 °C
NVP value	- %
Impedance	100 ±15 Ω
Conductor resistance DC	142 Ω/km
Resistance unbalance	2,00 %
Insulation resistance	100 MΩ
Contact resistance	30 mΩ
Dielectric Withstanding Voltage	1000 V AC 60Hz
Bandwidth	500MHz
Transmission	10Gbit
Connector	IEC 60603-7-51