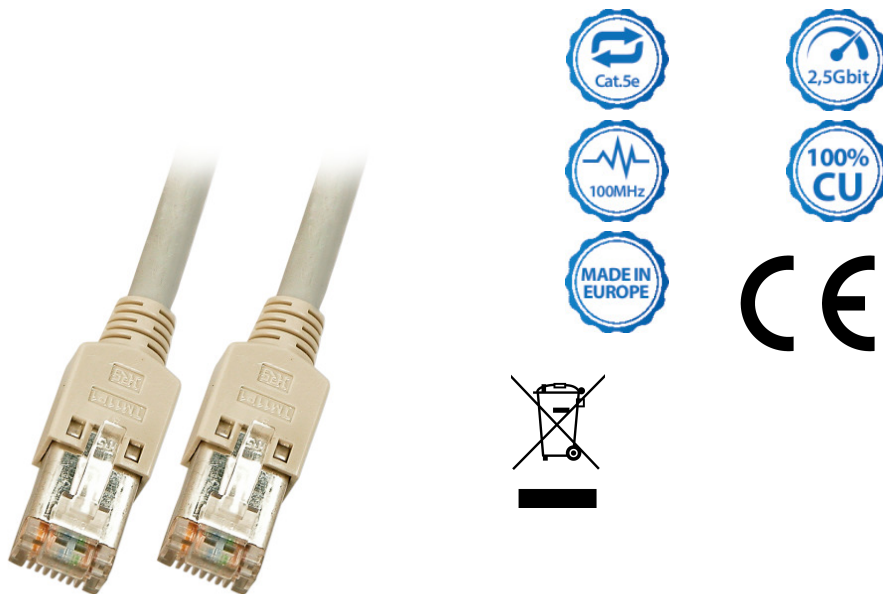


Latiguillo Cat. 5 SFTP LSZH TM11



Description

The Cat.5e RJ45 patch cable **manufactured in Europe** guarantees very good characteristics for 2.5 Gigabit Ethernet applications. The patch cable is composed of the raw cable **UC300 S26** from Draka and **TM11** connectors from Hirose.

Cross section 4 x 2 x AWG26/7
Mounted anti-kink grommet
Cable structure **F/UTP**

General data

Category	5e
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	TM11
Cable type	Draka UC300 S26
Contacts	Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Anti-kink sleeve	put-on
Colour anti-kink sleeve	grey
Locking lever	No

Mechanical characteristics

Mating cycles	2000
Bending radius	>20 mm
Conductive shield	360° shield contact

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.

Cable construction

Cable type	F/UTP
Cable construction	4x2
AWG-size	26/7
Conductor Material	Copper

Cable sheath

Jacket material	LSZH
Colour outer sheath	grey
Outer diameter of the cable	5.4 mm
Flame-retardant	acc. IEC60332-1
Halogen-free	yes
Low smoke	acc. IEC61034

Environmental conditions

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

Electrical characteristics

NVP value	67 %
Impedance	100 ±15 Ω
Conductor resistance DC	130 Ω/km
Loop resistance	< 260 Ω/km
Resistance unbalance	< 3 %
Insulation resistance	> 2000 MΩ
Test voltage	1000 V DC, 1min
POE class	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt

Transmission characteristics

Bandwidth	100MHz
Transmission	2.5Gbit

Standards, approvals, certifications

Connector	IEC 60603-7-3
-----------	---------------

Available variants

Article no.	Title	Length	Length tolerance
K8452.025	Latiguillo Cat. 5 SFTP LSZH TM11 0,25m. Gris	0.25 m	±5 %
K8452.0,50	Latiguillo Cat. 5 SFTP LSZH TM11 0,50m. Gris	0.5 m	±5 %
K8452.1	Latiguillo Cat. 5 SFTP LSZH TM11 1m. Gris	1.0 m	±5 %
K8452.1,5	Latiguillo Cat. 5 SFTP LSZH TM11 1,5m. Gris	1.5 m	±5 %
K8452.2	Latiguillo Cat. 5 SFTP LSZH TM11 2m. Gris	2.0 m	±5 %
K8452.3	Latiguillo Cat. 5 SFTP LSZH TM11 3m. Gris	3.0 m	±5 %
K8452.5	Latiguillo Cat. 5 SFTP LSZH TM11 5m. Gris	5.0 m	±5 %
K8452.7,5	Latiguillo Cat. 5 SFTP LSZH TM11 7,5m. Gris	7.5 m	±5 %
K8452.10	Latiguillo Cat. 5 SFTP LSZH TM11 10m. Gris	10.0 m	±5 %
K8452.15	Latiguillo Cat. 5 SFTP LSZH TM11 15m. Gris	15.0 m	±5 %
K8452.20	Latiguillo Cat. 5 SFTP LSZH TM11 20m. Gris	20.0 m	±5 %
K8452.25	Latiguillo Cat. 5 SFTP LSZH TM11 25m. Gris	25.0 m	±5 %
K8452.30	Latiguillo Cat. 5 SFTP LSZH TM11 30m. Gris	30.0 m	±5 %
K8452.35	Latiguillo Cat. 5 SFTP LSZH TM11 35m. Gris	35.0 m	±5 %
K8452.40	Latiguillo Cat. 5 SFTP LSZH TM11 40m. Gris	40.0 m	±5 %
K8452.50	Latiguillo Cat. 5 SFTP LSZH TM11 50m. Gris	50.0 m	±5 %

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.