

Latiguillo Sftp Ideal Cat-6a Negro Lszh



General data

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

Allgemeine Daten

| | |
|--|--------------------|
| Colour outer sheath | black |
| Connector type | RJ45 Standard blue |
| Suitable for degree of protection (IP) | IP20 |
| Cable type | S/FTP |
| Pin assignment | 1:1 |
| Locking lever | True |

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| | |
|-------------------------|---------------------|
| Fire retardant version | True |
| Model | Shielded |
| Allocation | acc. TIA/EIA 568B |
| Area of Application | Industrial Ethernet |
| Length imprint | True |
| Anti-kink sleeve | plugged in |
| Category | 6A (IEC) |
| Current Rating | max. 1 A |
| Contacts | 50 µ" gold plated |
| Material outer sheath | TPE/LSZH |
| Halogen free | True |
| Colour anti-kink sleeve | black |

Mechanische Eigenschaften

| | |
|-------------------|---------------------|
| Conductive shield | 360° shield contact |
| Bending radius | >32.5 mm |
| Mating cycles | 2000 |

Kabelaufbau

| | |
|--------------------------------|-----------|
| Raw cable | Cat.7 |
| Type of connector connection 2 | RJ45 8(8) |
| Type of connector connection 1 | RJ45 8(8) |
| Conductor Material | Copper |
| AWG-size | 26/7 |
| Cable construction | 4x2 |

Kabelmantel

| | |
|---|----------------------------------|
| Outer diameter of the cable | 6.5 mm |
| Oil resistant (according to EN 60811-404) | False |
| Halogen-free | yes |
| Printing | Cat.6A Patchcord SUPERFLEX S/FTP |
| Silicone-free | True |
| Low smoke | acc. IEC61034 |

Umgebungsbedingungen

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| | |
|-------------------|-------------|
| Temperature range | -20 - 75 °C |
|-------------------|-------------|

Elektrische Eigenschaften

| | |
|-------------------------------|--------------------------|
| Resistance unbalance | 2 % |
| Loop resistance | 284 Ω/km |
| Conductor resistance DC | 142 Ω/km |
| Test voltage | 1000 V DC, 1min |
| Contact Resistance | 30 mΩ |
| POE class | PoE+ acc. to IEEE802.3at |
| Operating-/ tempering voltage | max. 50 V DC |
| NVP value | - |
| Insulation Resistance | 100 MΩ |
| Impedance | 100 ±25 Ω |

Übertragungstechnische Eigenschaften

| | |
|--------------|--------|
| Transmission | 10Gbit |
| Bandwidth | 500MHz |

Normen, Zulassungen, Zertifizierungen

| | |
|-----------------------------------|----------------|
| Cabling standard | EN50173 |
| Oil resistant (acc. EN 60811-2-1) | False |
| Connector | IEC 60603-7-51 |

Available variants

| ArtNr. | Bezeichnung | Length Längentoleranz |
|---------------|---|-----------------------|
| K5525FSW.0,15 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,15m, black | 0.15 m ±5 % |
| K5525FSW.0,25 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,25m, black | 0.25 m ±5 % |
| K5525FSW.0,5 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0,5m, black | 0.5 m ±5 % |
| K5525FSW.1 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 1m, black | 1.0 m ±5 % |
| K5525FSW.1,5 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 1,5m, black | 1.5 m ±5 % |
| K5525FSW.2 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 2m, black | 2.0 m ±5 % |
| K5525FSW.3 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 3m, black | 3.0 m ±5 % |
| K5525FSW.5 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 5m, black | 5.0 m ±5 % |
| K5525FSW.7,5 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 7.5m, black | 7.5 m ±5 % |
| K5525FSW.10 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 10m, black | 10.0 m ±5 % |
| K5525FSW.15 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 15m, black | 15.0 m ±5 % |
| K5525FSW.20 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 20m, black | 20.0 m ±5 % |
| K5525FSW.25 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 25m, black | 25.0 m ±5 % |
| K5525FSW.30 | RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 30m, black | 30.0 m ±5 % |

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

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Drawings

