



InLine 749020 networking cable Orange 2 m Cat6a S/FTP (S-STP)



Model: 749020

Manufacturer: INLINE

EAN: 4043718335398

Product Code: 1081836

R855

Space-saving design for maximum port density: Approx. 40 % less space required than conventional AWG26 patch cables – ideal for network cabinets and server rooms.

High-quality copper conductors for maximum performance: Full Cat.6A transmission quality with up to 10 Gbit/s over lengths of up to 30 meters.

PoE support up to 87 watts (4PPoE): Enables energy-efficient operation of IP cameras, access points or VoIP telephones without additional power supply units.

Sustainable & economical: Approx. 25% material savings reduce transportation and manufacturing costs and improve the CO2 balance.

Flexible, safe TPE sheath (LSZH): Flame-retardant, halogen-free and particularly flexible for narrow installation paths.

The **InLine® Slim Cat.6A S/FTP patch cable series** combines **highest network performance**

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with maximum space and energy efficiency. Thanks to the particularly slim design with **AWG28 conductors**, these cables enable a significantly higher port density in network cabinets and ensure improved air circulation, which increases cooling and efficiency.

In contrast to conventional, thinner AWG32 cables, this cable supports full Cat.6A transmission quality at up to **500 MHz** and **4PPoE** with up to **87 watts**. This makes it the ideal solution for professional applications where a combination of space-saving, PoE capability and high performance is required.

The use of high-quality copper conductors minimizes signal loss and ensures a reliable network connection - even over distances of **up to 30 metres**. The S/FTP double shielding reliably protects the cable from electromagnetic interference.

In addition to its technical performance, this cable also offers ecological benefits: Approx. **25% less material used** reduces transportation costs and, in the long term, environmental taxes in accordance with future Green Law requirements.

The **TPE sheath (LSZH)** combines **flexibility with fire protection**: It is halogen-free, flame-retardant and ensures minimal smoke development in the event of fire – ideal for safety-critical applications.

Additional technical specifications:

Conductor material: Pure copper

Cable construction: S/FTP (pair and overall shielding)

Sheath material: TPE (LSZH – Low Smoke Zero Halogen)

Wire gauge: AWG28

Operating temperature: -20 to +75 °C

Outlet diameter: 4.5 mm

Population: 1:1 according to T568B

PoE support: Yes, up to 87 watts (4PPoE)

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