

# Pre-Terminated Trunk Cables, CAT6A S/FTP



## Features & Benefits

- Ready to install
- Six cables bundled together for faster installation
- Cable protected in mesh sleeve and secured with heat shrink tubes at both ends
- Pre-terminated and factory tested
- Cable identification on both ends of the cables
- Terminated according to T568B color code
- Characterized up to 500 MHz
- Compatible with standard keystone patch panels
- Reduced clean-up time



## Overview

PPC's Category 6A S/FTP Pre-Terminated Trunk Cables reduce installation time and save costs during the installation of category 6A cabling system. The category 6A trunks are pre-terminated and tested in a controlled manufacturing environment.

The trunks are manufactured to the customer's pre-ordered lengths, and ready to install in a patch panel, eliminating all field termination during installation.

Six cables are bundled together and protected in a mesh sleeve allowing rapid deployment. Both ends of the mesh sleeve are secured with heat-shrink tubes.

## Applications

- Enterprise & Data Center application

## Standards

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1:2017, Class EA
- CENELEC - EN 50173-1:2018, Class EA
- IEC 61156-5
- EN 50288-10-1
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEC 60603-7-51

## Technical Data

### Mechanical Data - Cable

Specification	Value
Cable construction	Category 6A S/FTP
Number of pairs	4
Colors of twisted pairs	Blue-white/blue, Orange-white/orange, Green-white/green, Brown-white/brown
Material	Conductor material - Solid bare copper Conductor insulation - Skin Foam PE Inner Shielding Material - Aluminium foil tape for each pair Outer Shielding Material - Braided Shield over pairs Cable jacket - PVC/LSZH

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## Technical Data

### Mechanical Data - Cable cont.

Specification	Value
Conductor diameter	23 AWG
Insulated conductor diameter	1.34 ± 0.05 mm
Outer cable diameter	7.8mm ± 0.5 mm
Jacket thickness	0.55mm ± 0.5 mm
Pulling strength	110N
Minimum bend-radius	8 times outer diameter

### Fire Rating

Specification	Value
LSZH jacket	IEC 60332-1-2, IEC 60754-1,2 & IEC 61034-2

### Mechanical Data - Jacks

Specification	Value
Dimensions (W x D x H)	See technical drawing
Material	Housing – UL 94 V0 High impact flame retardant plastic Jack contacts – Phosphor bronze plated (50 micro-inch gold over 100 micro-inch nickel) IDC contacts - Phosphor bronze with 100 micro-inch tin
Total contact force	800 grams
Retention	50N
Insertion/extraction	750 cycles minimum

### Electrical Data

Specification	Value
Current rating	1.5 Amps
DC resistance	200 mΩ max (per pin)
Contact resistance	2.5mΩ max (IDC) 20 mΩ max (insert)
Insulation resistance	500MΩ min
Voltage rating	60V
Dielectric Withstanding Voltage	1000V, RMS @ 60Hz for 1 minute
IDC Wire Gauge	22-26 AWG

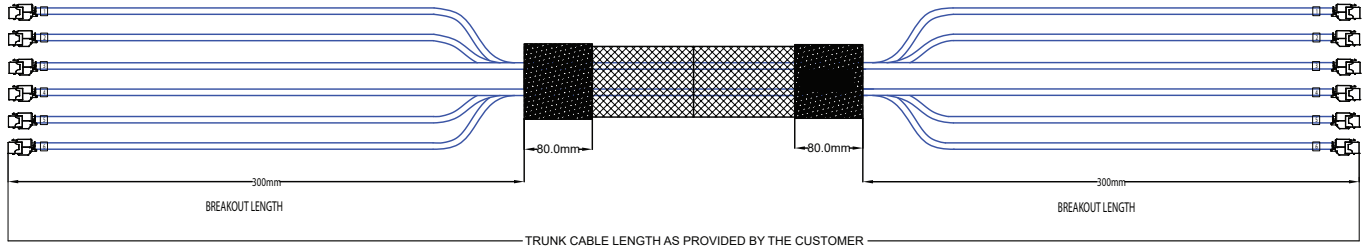
### Environmental Data

Temperature Range	Values
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Operation	-10 °C to 60 °C (14 °F to 140 °F)
Relative Humidity (operational)	Maximum non-condensing 93%

# Pre-Terminated Trunk Cables, CAT6A S/FTP



## Technical Drawing



## Ordering Information

Part Number	Description
SCSJ6ASFTPxxMyyLS	Category 6A S/FTP Pre-Terminated Trunk Cable, LSZH, Grey

xx – length of pre-terminated trunks: 5m, 10m, 15m, 20m, 25m, 30m

yy – leg length from heat shrink sleeve in cm (11 = 100 cms), 22 (200cms), (33 = 300 cms)