

## Introducing CAT 7 S/FTP Twisted Pair Cables

Our selection of Category 7 S/FTP cables helps you meet demand for the growing number of IP access points and network security applications exceeding 10 Gigabit Networking (10G) bandwidth. This cable is also ideal for Future 4K Resolution Video because they deliver superior performance in high bandwidth applications. When you choose West Penn Wire, you get quality products and outstanding support for all your low voltage cable needs.

To optimize your installation, we also provide a wide range of plugs, jacks, patch panels and assemblies.

**Note: There are no standards for Category 7 Connectivity.**

Our quality cables are available in riser and plenum types, and include:

> Category 7 S/FTP CMP – Part Number **254247F**

### Key Features

- > Data Rate of 10 Gigabits per Second over 100m
- > Performance Exceeds TIA/EIA 568C.2 Category 6A Standard- Category 7 - ISO11801 Class F
- > Provides up to 600 MHz of Proven Channel Bandwidth
- > Individually Shielded with Braid Shielding
- > Available in Black - Plenum Rated

10G AV 4K Resolution Video Distribution - 4K Ultra Applications



## BULK CABLE: 254247F

CONSTRUCTION & DIMENSIONS		OVERALL CONSTRUCTION PARAMETERS	
<b>CONDUCTOR PARAMETER</b>		Jacket Type	Flexible Plenum
• Number of Pairs	4	Jacket Thickness	.025 in
• AWG Size	22	Nominal Cable O.D.	.305
• Conductor Stranding	Solid	Plenum	Yes
• Conductor Type	Bare Copper	NEC UL Rating	CMP
• Nominal DCR	28.6 Ohm/1000ft	RoHS Compliant	Yes
<b>INSULATION PARAMETER</b>		ANSI/TIA Category	Category 7 - ISO11801 Class F
• Insulation Type	Foam FEP	TIA Test	Category 7
• Insulation Thickness	.018 in	Pull Tension	25 lbs
• Insulation Color Code	1.Blue,WH-Blue 2.Orange,WH-Orange 3.Green, Green 4.Brown, WH-Brown	Bend Radius	3.05 in
<b>SHIELDING PARAMETER</b>		Cable Weight	54 lbs
• Shield Type	Individually Al. Foil + 50% Tinned Copper Overall Shield - F/STP		
<b>ELECTRICAL CHARACTERISTICS</b>			
• Nominal Impedance	100 Ohm		
• Nom. Cap. Between Conductors	17 pF/ft		

## Installation Components

### Modular Plugs

- 10G Rated

**CN-MFP8**



### RJ45 Jacks

- 10G Rated
- MT Series (Use KJMT-8600)

**KJS458MT-C6AC**



### Patch Panels

- 24 & 48 Port Shielded

**24458S-C6A  
48458S-C6A**



### Assembly

- 10G Rated

**C6AS-314cc-xxFB**

cc: Colors  
xx: Lengths

