

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	
CONDUCTOR PARAMETER	
• Number of Pairs	4
• AWG Size	22
• Conductor Stranding	Solid
• Conductor Type	Bare Copper
• Nominal DCR	28.6 Ohm/1000ft
INSULATION PARAMETER	
• Insulation Type	Foam FEP
• Insulation Thickness	.018 in
• Insulation Color Code	1.Blue,WH-Blue 2.Orange,WH-Orange 3.Green,WH-Green 4.Brown, WH-Brown
SHIELDING PARAMETER	
• Shield Type	Individually Al. Foil + 50% Tinned Copper Overall Shield - F/STP
ELECTRICAL CHARACTERISTICS	
• Nominal Impedance	100 Ohm
• Nom. Cap. Between Conductors	17 pF/ft

OVERALL CONSTRUCTION PARAMETERS	
Jacket Type	Flexible Plenum
Jacket Thickness	.025 in
Nominal Cable O.D.	.305
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
ANSI/TIA Category	Category 7 - ISO11801 Class F
TIA Test	Category 7
Pull Tension	25 lbs
Bend Radius	3.05 in
Cable Weight	54 lbs

Installation Components

Modular Plugs	RJ45 Jacks	Patch Panels	Assemblies
<ul style="list-style-type: none"> • 10G Rated: <p>CN-MFP8</p>	<ul style="list-style-type: none"> • 10G Rated • MT Series (Use KJMT-8600) <p>KJS458MT-C6AC</p>	<ul style="list-style-type: none"> • 24 & 48 Port Shielded <p>24458S-C6A 48458S-C6A</p>	<ul style="list-style-type: none"> • 10G Rated <p>C6AS-314cc-xxFB cc: Colors xx: Lengths</p>

