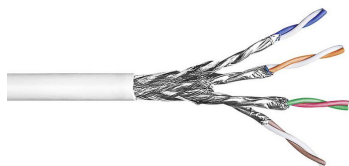


# 760237949 | 3298A-C WH 4/23 R1640



3298A-C Category 7A S/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1640 ft (500 m) length, reel

**This product will be discontinued on: October 1, 2024**

**Replaced By:**

760237948      3298A-B Category 7A S/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1640 ft (500 m) length, reel  
3298A-B WH 4/23 R1640

## Product Classification

<b>Regional Availability</b>	EMEA
<b>Portfolio</b>	SYSTIMAX®
<b>Product Type</b>	Twisted pair cable
<b>Ordering Note</b>	Available in Europe, Middle East, and Africa

## General Specifications

<b>Product Number</b>	3298A-C
<b>ANSI/TIA Category</b>	7A
<b>Cable Component Type</b>	Horizontal
<b>Cable Type</b>	S/FTP (shielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Jacket Color</b>	White
<b>Pairs, quantity</b>	4
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   CENELEC EN 50288-9-1   IEC 61156-5 Cat 7   ISO/IEC 11801 Class FA

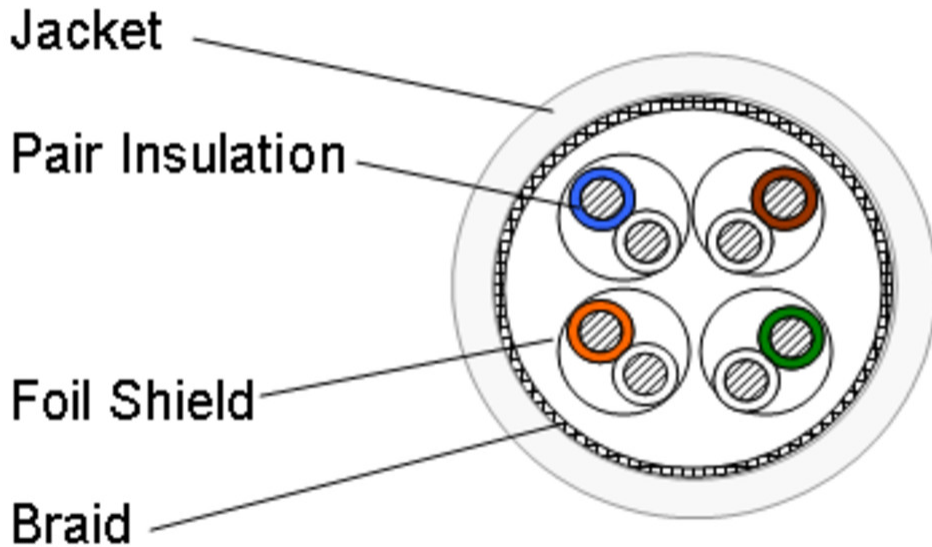
## Dimensions

<b>Cable Length</b>	500 m   1,640.42 ft
<b>Cable Length Tolerance</b>	±5%
<b>Diameter Over Jacket, nominal</b>	7.493 mm   0.295 in
<b>Jacket Thickness</b>	0.635 mm   0.025 in

Conductor Gauge, singles

23 AWG

## Cross Section Drawing



## Electrical Specifications

<b>dc Resistance Unbalance, maximum</b>	2 %
<b>dc Resistance, maximum</b>	7.61 ohms/100 m   2.32 ohms/100 ft
<b>Mutual Capacitance at Frequency</b>	4.3 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	76 %
<b>Operating Frequency, maximum</b>	1000 MHz
<b>Operating Voltage, maximum</b>	80 V

## Material Specifications

<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin
<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Shield (Braid) Material</b>	Tinned copper
<b>Shield (Tape) Material</b>	Polyester/Aluminum shield

## Mechanical Specifications

# 760237949 | 3298A-C WH 4/23 R1640

**Pulling Tension, maximum** 11.34 kg | 25 lb

## Environmental Specifications

**Installation temperature** 0 °C to +50 °C (+32 °F to +122 °F)  
**Operating Temperature** -20 °C to +60 °C (-4 °F to +140 °F)  
**Acid Gas Test Method** EN 50267-2-3  
**EN50575 CPR Cable EuroClass Fire Performance** Cca  
**EN50575 CPR Cable EuroClass Smoke Rating** s1  
**EN50575 CPR Cable EuroClass Droplets Rating** d1  
**EN50575 CPR Cable EuroClass Acidity Rating** a1  
**Environmental Space** Low Smoke Zero Halogen (LSZH)  
**Smoke Test Method** IEC 61034-2

## Packaging and Weights

**Cable weight** 64.125 kg/km | 43.09 lb/kft  
**Packaging Type** Reel

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant
UK-ROHS	Compliant

