

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

OBSOLETE

This product was 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

Product Classification

Regional Availability	EMEA
Portfolio	CommScope®
Product Type	Twisted pair cable
Ordering Note	Available in Europe, Middle East, and Africa

General Specifications

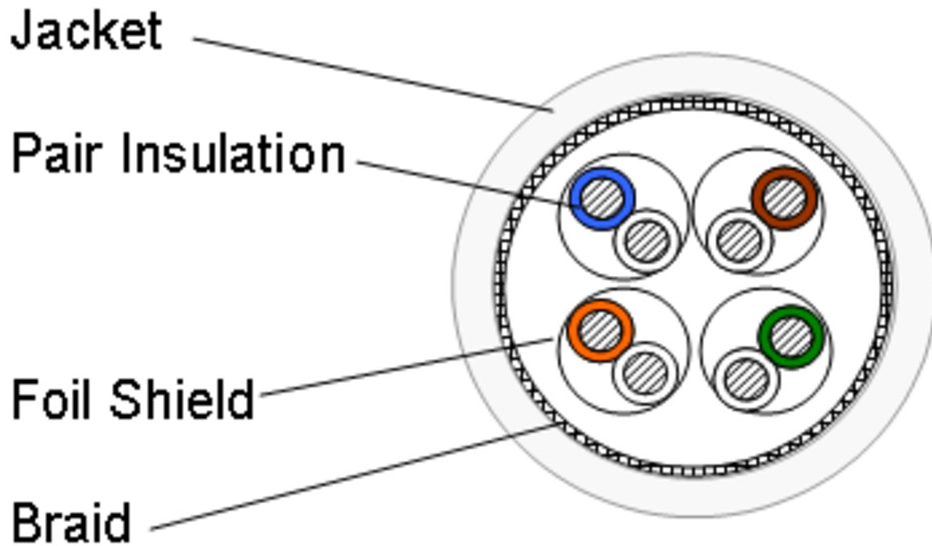
Product Number	3298A-C
ANSI/TIA Category	7A
Cable Component Type	Horizontal
Cable Type	S/FTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	White
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-9-1 IEC 61156-5 Cat 7 ISO/IEC 11801 Class FA

Dimensions

Cable Length	500 m 1,640.42 ft
Cable Length Tolerance	±5%
Diameter Over Jacket, nominal	7.595 mm 0.299 in

Jacket Thickness 0.635 mm | 0.025 in
Conductor Gauge, singles 22 AWG

Cross Section Drawing



Electrical Specifications

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

Material Specifications

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

Mechanical Specifications

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

Agency	Classification
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

