760131268 | 3298A WH 4/23 R1640

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

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Ordering Note	Available in Europe, Middle East, and Africa

General Specifications

Product Number	3298A
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	ISO/IEC 11801 Class FA

Dimensions

Cable Length	500 m	1,640.42 ft
Cable Length Tolerance	±5%
Diameter Over Jacket, nominal	7.493 mm	0.295 in
Jacket Thickness	0.635 mm	0.025 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing

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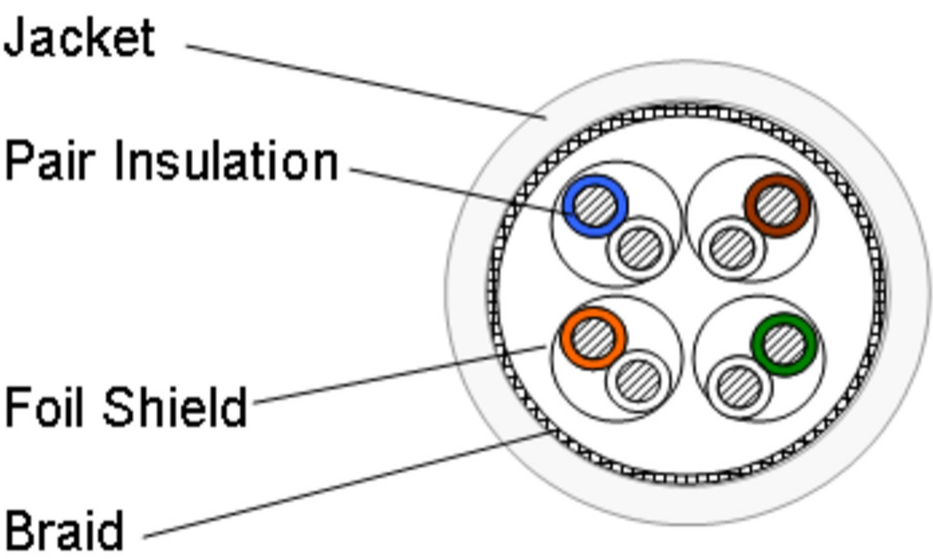
Electrical Specifications

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

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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	IEC 60754-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3-24
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	64.199 kg/km	43.14 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
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

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