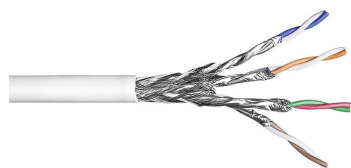


760237948 | 3298A-B WH 4/23 R1640



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 | SYSTIMAX® |
| Product Type | Twisted pair cable |

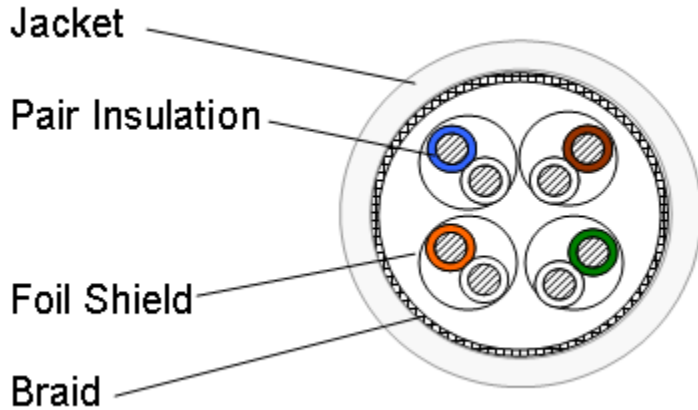
General Specifications

| | |
|--------------------------------|--|
| Product Number | 3298A-B |
| 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 | 7.493 mm 0.295 in |
| Jacket Thickness | 0.635 mm 0.025 in |
| Conductor Gauge, singles | 23 AWG |

Cross Section Drawing



Electrical Specifications

| | |
|--|------------------------------------|
| dc Resistance Unbalance, maximum | 2 % |
| dc Resistance, maximum | 7.61 ohms/100 m 2.32 ohms/100 ft |
| Delay Skew, maximum | 25 ns |
| 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) |

760237948 | 3298A-B WH 4/23 R1640

| | |
|---|-------------------------------|
| Acid Gas Test Method | EN 50267-2-3 |
| EN50575 CPR Cable EuroClass Fire Performance | B2ca |
| 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 |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

