760082990 | 2061F RD 4/24 R3000



Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio SYSTIMAX®

Product Type Twisted pair cable

Product Brand PowerSUM

General Specifications

Product Number 2061F
ANSI/TIA Category 5e

Cable Component Type Horizontal

Cable TypeU/UTP (unshielded)

Conductor Type, singles Solid

Conductors, quantity 8

Jacket Color Red

Pairs, quantity 4

Transmission Standards ANSI/TIA-568.2-D | CENELEC EN 50288-3-1 | ISO/IEC 11801 Class D

Dimensions

Cable Length 914.4 m | 3000 ft

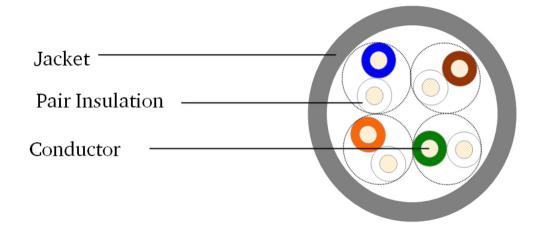
Diameter Over Jacket, nominal5.08 mm | 0.2 inJacket Thickness0.635 mm | 0.025 in

Conductor Gauge, singles 24 AWG

Cross Section Drawing



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Electrical Specifications

dc Resistance Unbalance, maximum $5\,\%$

dc Resistance, maximum 9.38 ohms/100 m | 2.859 ohms/100 ft

Dielectric Strength, minimum1500 Vac | 2500 VdcMutual Capacitance at Frequency5.6 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 76 %

Operating Frequency, maximum 200 MHz
Operating Voltage, maximum 80 V

Remote Powering Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the

safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2,

CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

Material Specifications

Conductor Material Bare copper

Insulation Material FEP | Polyolefin

Jacket Material PVC

Mechanical Specifications

Pulling Tension, maximum 11.34 kg | 25 lb

Environmental Specifications

Installation temperature $0 \,^{\circ}\text{C}$ to +60 $^{\circ}\text{C}$ (+32 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

Operating Temperature $-20 \,^{\circ}\text{C}$ to +60 $^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

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 Environmental Space
 Plenum

 Flame Test Method
 CMP/FT6

 Smoke Test Method
 CMP/FT6

Packaging and Weights

Cable weight 33.484 kg/km | 22.5 lb/kft

Packaging Type Reel

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

