

# SYSTIMAX<sup>®</sup>

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## SOLUTIONS

## SYSTIMAX<sup>®</sup> 1061C/2061A 25-Pair Cable

### SYSTIMAX<sup>®</sup> SCS Component

#### High Performance Cables Minimize Crosstalk

Non-Plenum 1061C and Plenum 2061A cables are 25-pair, 100-ohm high performance cables for use in SYSTIMAX Structured Connectivity Solutions (SCS). Unique honeycomb construction provides a smaller, more flexible and easier to install cable. Crosstalk is minimized due to the SYSTIMAX SCS patented twist scheme. This design prevents pair migration and provides excellent data transmission integrity. Meets proposed EIA/TIA-568-A requirements for Category 5 including Power Sum Near End Crosstalk (PSNEXT), swept attenuation and Structured Return Loss (SRL).

#### Applications

- Designed for high-speed data transfer and extended distance coverage. Applications include 100 Mb/s TP-TMP and 155 Mb/s ATM.

#### Performance

- Category 5

#### Features

- 24 gauge bare solid conductors
- Supports 622 Mb/s data transfers
- Fluorinated-Ethylene-Propylene (FEP) insulation and fluoropolymer jacket (2061A only)
- Twisted into pairs
- UL<sup>®</sup>, Verified Category 5
- Unique honeycomb core construction



## Specifications

|                          | 1061C                                  | 2061A                                  |
|--------------------------|--|--|
| Weight                   | 113.49 lbs./1000 ft. (169.10 kg/km)    | 110.83lbs. /1000ft. (156.00 kg/km)     |
| Insulation Thickness     | 0.0084 inches/(0.21 mm)                | 0.0065 inches (0.165mm)                |
| Jacket Thickness         | 0.027 inches (0.686mm)                 | 0.0135 inches (0.34mm)                 |
| Outside Diameter         | 0.52 inches (13.21mm)                  | 0.435 inches (11.05mm)                 |
| No. of Pairs             | 25                                     | 25                                     |
| Mutual Capacitance- Nom. | 14 pF/ft. (46 pF/m)                    | 14 pF/ft. (46 pF/m)                    |
| Characteristic Impedance | Ohms 1-100 MHz (100+/-15)              | Ohms 1-100 MHz (100+/-15)              |
| DC Resistance - Max.     | Max. 28.6 ohms/1000ft. (9.4 ohms/100m) | Max. 28.6 ohms/1000ft. (9.4 ohms/100m) |
| UL Listing               | CMR and c(UL) CMG.                     | CMP and c(UL) CMP.                     |

## Ordering Information

| Product             | Color | Length           | Package | Material ID |
|---------------------|-------|------------------|---------|-------------|
| 1061C 25 Cable Pair | Slate | 1000 ft. (305m)  | Reel    | 107 287 484 |
|                     | Slate | 4000 ft. (1220m) | Reel    | 107 479 313 |
|                     | Slate | Custom length    |         | 107 314 668 |
|                     | Slate | Variable lengths |         | 107 222 762 |
| 2061A 25 Cable Pair | White | 1000 ft. (305m)  | Reel    | 107 369 845 |
|                     | White | 4000 ft. (1220m) | Reel    | 107 995 011 |
|                     | White | Variable lengths |         | 107 369 852 |
|                     | Blue  | 1000 ft. (305m)  | Reel    | 107 871 477 |

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