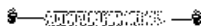


49441 Molded Cable Assemblies - Modular Keyboard Assembly



For more Information
please call

1-800-Belden1



General Description:

6-position modular retractile, used to rapidly interconnect electronic computers and business machines, polypropylene insulation, unshielded, polyurethane jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material | Dia. (in.) |
|--------------|-----|-----------|--------------------|------------|
| 6 | 26 | 19x38 | TC - Tinned Copper | .51 |

Total Number of Conductors: 6

Number of Pins: 6

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PP - Polypropylene | 0.006 |

Connector Characteristics

Connector Characteristics - First End # of Connector Contacts/positions: 6

Connector Characteristics - First End Connector Type: Modular

Connector Characteristics - Second End # of Connector Contacts/positions: 6

Connector Characteristics - Second End Connector Type: Modular

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|-----------------------|---------------------------|
| PUR - Polyurethane | 0.03 |

Overall Cable

Overall Nominal Diameter: 0.093 x 0.258 in.

Assembly Dimensional

Assembly Dimensional For Retractable Coil Body Length (extended): 67.5

Assembly Dimensional for Retractable Coil Body Length (relaxed): 15

Tail Length

1st End Tail Length: 1.5 +/- .5

2nd End Tail Length: 1.5 +/- .5

Wiring

Wiring:

Cross Wired. Brown: pin1(E1) to pin 6(E2), Red: pin2(E1) to pin5(E2), Orange: pin3(E1) to pin4(E2), Yellow: pin4(E1) to pin3(E2), Green: pin5(E1) to pin2(E2), Blue: pin6(E1) to pin1(E2)

Wiring Diagram Color Code Chart:

| Number | Color |
|--------|--------|
| 1 | Brown |
| 2 | Red |
| 3 | Orange |
| 4 | Yellow |
| 5 | Green |
| 6 | Blue |

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Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C (UL AWM Style 20197)

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|---|
| AWM Specification: | UL Style 20197 (30 V 60°C) (cable only) |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

| |
|--------------------------|
| Voltage |
| 30V (UL AWM Style 20197) |

Notes (Overall)

Notes: Positive locking latch prevents connector from vibrating loose. Polarized connector prevents improper insertion. No tools required for installation.

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-------------|-------|-------------|-------|-------|-----------------------------|
| 49441 010S2 | 1 EA | 0.220 LB | BLACK | | 6 POS MOD RET CABLE RI47851 |

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