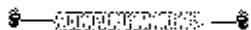


49441 Molded Cable Assemblies - Modular Keyboard Assembly



For more Information
please call

1-800-Belden1



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

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

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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

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.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
49441 010B1	25 EA	4.900 LB	BLACK		6 POS MOD RET CABLE RI47851
49441 010S2	1 EA	0.220 LB	BLACK		6 POS MOD RET CABLE RI47851

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