



Part Number: REVConnect WM Kit Jacks 96P

REVConnect Wall-Mount Termination Kit, 96-Port, Jacks

Product Description

The REVConnect Wall-Mount Termination Kit for Jacks has 96-ports (includes 100 cores)

Technical Specifications

Product Overview

|                        |             |
|------------------------|-------------|
| Environmental Space:   | Indoor      |
| Suitable Applications: | 10GX System |

Physical Characteristics (Overall)

|                   |                                           |
|-------------------|-------------------------------------------|
| Height:           | 15.281 in                                 |
| Width:            | 7.638 in                                  |
| Depth:            | 11.120 in                                 |
| Front Connection: | Flush                                     |
| Packaging:        | Individually packaged in a cardboard box. |
| Weight:           | 8.1 lbs                                   |

Connectors

Materials

| Description    | Material | Color |
|----------------|----------|-------|
| Fanning Strips | Lexan    | Black |
| Mount          | Steel    | Black |
| Module         | Plastic  | Black |

Construction and Dimensions

|               |                                                                   |
|---------------|-------------------------------------------------------------------|
| Max Capacity: | 96 Ports (6 REVConnect Connector Module of 16-Port each included) |
|---------------|-------------------------------------------------------------------|

Electrical Characteristics

|                         |                     |
|-------------------------|---------------------|
| Dielectric Strength:    | 1,000 V RMS @ 60 Hz |
| Current Rating:         | 1.300 A             |
| Insulation Resistance:  | 500 M-Ohm Minimum   |
| Termination Resistance: | 2.5 m-Ohm           |

Temperature Range

|                          |                |
|--------------------------|----------------|
| Installation Temp Range: | -10°C To +60°C |
| Storage Temp Range:      | -40°C To +70°C |

Mechanical Characteristics

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Tool Compatibility:           | REVConnect Termination Tool (p/n RVUTT01) |
| Connector/Hardware Retention: | 20 lbs                                    |
| Plug/Connector Retention:     | 11.250 lbs                                |

Termination Interface

| Termination | Connection | Durabilities |
|-------------|------------|--------------|
|-------------|------------|--------------|

|       |                  |            |
|-------|------------------|------------|
| Front | Mated Connection | 750 cycles |
| Rear  | Mated Connection | 20 cycles  |

Standards

|                               |                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL Rating:                    | UL1863                                                                                                                                                                 |
| Telecommunications Standards: | Category 6A - TIA 568.C.2, Category 6A - ISO/IEC 11801:2002 Ed.2                                                                                                       |
| IEEE Specification:           | Power Over Ethernet (PoE) IEEE 802.3at type 1 and 2 (up to 30W), IEEE802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W) |
| Other Specification:          | IEC 60603-7, FCC PART 68-F                                                                                                                                             |

Applicable Environmental and Other Programs

|                                 |     |
|---------------------------------|-----|
| EU Directive 2002/95/EC (RoHS): | Yes |
|---------------------------------|-----|

Flammability, LS0H, Toxicity Testing

|                 |                |
|-----------------|----------------|
| Safety Listing: | c(UL)us Listed |
|-----------------|----------------|

Plenum/Non-Plenum

Mated Connection

| Frequency (MHz) | Max. Insertion Loss TIA* (dB) | Max. Insertion Loss Belden** (dB) | Min. NEXT TIA* (dB) | Min. NEXT Belden** (dB) | Min. FEXT TIA* (dB) | Min. FEXT Belden** (dB) | Min. Return Loss TIA* (dB) | Min. PSANEXT TIA* (dB) | Min. PSANEXT Belden** (dB) | Min. PSAACRF TIA* (dB) | Min. PSAACRF Belden** (dB) | Min. Balanced TCL TIA* (dB) | Min. Balanced TCL Belden** (dB) |
|-----------------|-------------------------------|-----------------------------------|---------------------|-------------------------|---------------------|-------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|-----------------------------|---------------------------------|
| 1.000           | .100 dB                       | .050 dB                           | 75.000 dB           | 77.000 dB               | 75.000 dB           | 80.000 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 40.000 dB                   | 45.000 dB                       |
| 4.000           | .100 dB                       | .050 dB                           | 75.000 dB           | 77.000 dB               | 71.100 dB           | 75.100 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 40.000 dB                   | 45.000 dB                       |
| 8.000           | .100 dB                       | .050 dB                           | 75.000 dB           | 77.000 dB               | 65.000 dB           | 69.000 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 40.000 dB                   | 45.000 dB                       |
| 10.000          | .100 dB                       | .050 dB                           | 74.000 dB           | 77.000 dB               | 63.100 dB           | 67.100 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 40.000 dB                   | 45.000 dB                       |
| 16.000          | .100 dB                       | .060 dB                           | 69.900 dB           | 72.900 dB               | 59.000 dB           | 63.300 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 40.000 dB                   | 45.000 dB                       |
| 20.000          | .100 dB                       | .070 dB                           | 68.000 dB           | 71.000 dB               | 57.100 dB           | 61.100 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 40.000 dB                   | 45.000 dB                       |
| 25.000          | .100 dB                       | .080 dB                           | 66.000 dB           | 69.000 dB               | 55.100 dB           | 59.100 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 40.000 dB                   | 45.000 dB                       |
| 31.250          | .110 dB                       | .090 dB                           | 64.100 dB           | 67.100 dB               | 53.200 dB           | 57.200 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 38.100 dB                   | 45.000 dB                       |
| 62.500          | .160 dB                       | .140 dB                           | 58.100 dB           | 61.100 dB               | 47.200 dB           | 51.200 dB               | 30.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 32.100 dB                   | 39.100 dB                       |
| 100.000         | .200 dB                       | .180 dB                           | 54.000 dB           | 57.000 dB               | 43.100 dB           | 47.100 dB               | 28.000 dB                  | 70.500 dB              | 72.000 dB                  | 67.000 dB              | 72.000 dB                  | 28.000 dB                   | 35.000 dB                       |
| 200.000         | .280 dB                       | .260 dB                           | 48.000 dB           | 51.000 dB               | 37.100 dB           | 41.100 dB               | 22.000 dB                  | 64.500 dB              | 66.000 dB                  | 61.000 dB              | 66.000 dB                  | 22.000 dB                   | 29.000 dB                       |
| 250.000         | .320 dB                       | .300 dB                           | 46.000 dB           | 49.000 dB               | 35.100 dB           | 39.100 dB               | 20.000 dB                  | 62.500 dB              | 64.000 dB                  | 59.000 dB              | 64.000 dB                  | 20.000 dB                   | 27.000 dB                       |
| 300.000         | .350 dB                       | .330 dB                           | 42.900 dB           | 46.700 dB               | 33.600 dB           | 37.600 dB               | 18.500 dB                  | 61.000 dB              | 62.500 dB                  | 57.500 dB              | 62.500 dB                  | 18.500 dB                   | 25.500 dB                       |
| 400.000         | .400 dB                       | .380 dB                           | 37.900 dB           | 42.900 dB               | 31.100 dB           | 35.100 dB               | 16.000 dB                  | 58.500 dB              | 60.000 dB                  | 55.000 dB              | 60.000 dB                  | 16.000 dB                   | 23.000 dB                       |
| 500.000         | .450 dB                       | .430 dB                           | 34.000 dB           | 40.000 dB               | 29.100 dB           | 33.100 dB               | 14.000 dB                  | 56.500 dB              | 58.000 dB                  | 53.000 dB              | 58.000 dB                  | 14.000 dB                   | 21.000 dB                       |
| 625.000         |                               | .480 dB                           |                     | 37.100 dB               |                     | 31.200 dB               |                            |                        | 56.100 dB                  |                        | 56.100 dB                  |                             | 19.100 dB                       |

|                             |                                                                               |
|-----------------------------|-------------------------------------------------------------------------------|
| Mated Connection Footnote1: | * TIA/EIA-568-C.2 Category 6A Standard.                                       |
| Mated Connection Footnote2: | ** Worst-case performance for a 10GX mated connection using REVConnect Cores. |

Part Number

|                |                                                                                                                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Parts: | REVConnect wall termination kit, REVConnect wall connector mount, REVConnect wall cable dressing module, REVConnect cable management channel, REVConnect wall horizontal channel kit |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Variants

| Item #       | Color |
|--------------|-------|
| RVAXCTK96JBK | Black |

Product Notes

|                 |                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Included Parts: | 6 RevConnect Wall Termination Kit, Couplers, 96-ports; 100 cores; 2 Wood Screws; 6 Velcro cable tie; 1 installation guide         |
| Notes:          | Refer to Installation Guide PX106708 (English) or visit our web site at <a href="http://www.belden.com">http://www.belden.com</a> |

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