

## 601671 Multi-Conductor - Spec 19-1 Signal Cable



For more Information  
please call

1-800-Belden1

**Description:**

14 AWG solid bare copper conductors, HDPE insulation, PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 15           | 14  | Solid     | BC - Bare Copper   |

**Ground Wire**

Ground Wire (Y/N): N

**Insulation****Insulation Material:**

| Insulation Material              | Wall Thickness (in.) |
|----------------------------------|----------------------|
| HDPE - High Density Polyethylene | .025                 |

**Outer Shield****Outer Shield Material:**

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

**Outer Jacket****Outer Jacket Material:**

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .060                      |

**Overall Cable****Overall Cabling Color Code Chart:**

| Number | Color        |
|--------|--------------|
| 1      | Black        |
| 2      | White        |
| 3      | Red          |
| 4      | Green        |
| 5      | Orange       |
| 6      | Blue         |
| 7      | White/Black  |
| 8      | Red/Black    |
| 9      | Green/Black  |
| 10     | Orange/Black |
| 11     | Blue/Black   |
| 12     | Black/White  |
| 13     | Red/White    |
| 14     | Green/White  |
| 15     | Blue/White   |

Overall Nominal Diameter: 0.667 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -30°C To +80°C

Bulk Cable Weight: 311 lbs/1000 ft.

## 601671 Multi-Conductor - Spec 19-1 Signal Cable

|                                        |           |
|----------------------------------------|-----------|
| Max. Recommended Pulling Tension:      | 703 lbs.  |
| Min. Bend Radius (Install)/Minor Axis: | 6.700 in. |

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

|                                       |           |
|---------------------------------------|-----------|
| EU Directive 2000/53/EC (ELV):        | Yes       |
| EU Directive 2002/95/EC (RoHS):       | Yes       |
| EU RoHS Compliance Date (mm/dd/yyyy): | 10/1/2005 |
| 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       |
| IMSA Specification:                   | 19-1      |

## Suitability

|                        |     |
|------------------------|-----|
| Suitability - Outdoor: | Yes |
| Suitability - Aerial:  | Yes |

## Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Electrical Characteristics (Overall)

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.7

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

Revision Number: 1    Revision Date: 05-14-2007

© 2012 Belden, Inc  
 All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.