

# Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



83000 Hook-up/Lead - UL AWM Style 1213

For more Information  
please call

1-800-Belden1



## Description:

Stranded silver-coated copper conductor insulation with extruded TFE Teflon.

## Physical Characteristics (Overall)

### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material         |
|--------------|-----|-----------|----------------------------|
| 1            | 30  | 7x38      | SPC - Silver Plated Copper |

### Insulation

Insulation Material:

| Insulation Material       | Wall Thickness (mm) |
|---------------------------|---------------------|
| TFE - Tetrafluoroethylene | 0.254               |

### Overall Insulation

### Overall Cabling

Overall Nominal Diameter: 0.813 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

|                                       |               |
|---------------------------------------|---------------|
| UL AWM Style:                         | 1213          |
| UL Rating:                            | 105°C         |
| EU CE Mark:                           | Yes           |
| 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           |
| Military Specification:               | MIL-W-16878/4 |
| MIL Spec Rating:                      | 600 V, 200°C  |

### Flame Test

UL Flame Test: VW-1

### Plenum/Non-Plenum

Plenum (Y/N): No

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item #       | Putup | Ship Weight | Color | Notes | Item Desc       |
|--------------|-------|-------------|-------|-------|-----------------|
| 83000 001100 | 30 MT | 0.045 KG    | BROWN | E     | #30 STR TFE BRN |

## METRIC MEASUREMENT VERSION

## 83000 Hook-up/Lead - UL AWM Style 1213

|               |        |          |             |     |                   |
|---------------|--------|----------|-------------|-----|-------------------|
| 83000 0011000 | 305 MT | 0.454 KG | BROWN       | E S | #30 STR TFE BRN   |
| 83000 002100  | 30 MT  | 0.045 KG | RED         | E   | #30 STR TFE RED   |
| 83000 0021000 | 305 MT | 0.454 KG | RED         | E S | #30 STR TFE RED   |
| 83000 003100  | 30 MT  | 0.045 KG | ORANGE      | E   | #30 STR TFE ORG   |
| 83000 0031000 | 305 MT | 0.454 KG | ORANGE      | E S | #30 STR TFE ORG   |
| 83000 004100  | 30 MT  | 0.045 KG | YELLOW      | E   | #30 STR TFE YEL   |
| 83000 0041000 | 305 MT | 0.454 KG | YELLOW      | E S | #30 STR TFE YEL   |
| 83000 005100  | 30 MT  | 0.045 KG | GREEN, DARK | E   | #30 STR TFE GRNDK |
| 83000 0051000 | 305 MT | 0.454 KG | GREEN, DARK | E S | #30 STR TFE GRNDK |
| 83000 006100  | 30 MT  | 0.045 KG | BLUE, LIGHT | E   | #30 STR TFE BLULT |
| 83000 0061000 | 305 MT | 0.454 KG | BLUE, LIGHT | E S | #30 STR TFE BLULT |
| 83000 007100  | 30 MT  | 0.045 KG | VIOLET      | E   | #30 STR TFE VIO   |
| 83000 0071000 | 305 MT | 0.454 KG | VIOLET      | E S | #30 STR TFE VIO   |
| 83000 008100  | 30 MT  | 0.045 KG | GRAY        | E   | #30 STR TFE GRY   |
| 83000 009100  | 30 MT  | 0.045 KG | WHITE       | E   | #30 STR TFE WHT   |
| 83000 0091000 | 305 MT | 0.454 KG | WHITE       | E S | #30 STR TFE WHT   |
| 83000 010100  | 30 MT  | 0.045 KG | BLACK       | E   | #30 STR TFE BLK   |
| 83000 0101000 | 305 MT | 0.454 KG | BLACK       | E S | #30 STR TFE BLK   |

**Notes:**

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'

S = STRIPING ADDERS FOR TYPES E AND EE: 123 STRIPES. MINIMUM ORDER 10

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

© 2011 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.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9