# Product: 83559

Electronic, 9 C #22 Str TC, FEP Ins, OS+TC Brd, FEP Jkt, CMP

Request Sample

## Product Description

High Temperature Electronic, 9 Conductor 22AWG (7x30) Tinned Copper, FEP Insulation, Overall Beldfoil®+Tinned Copper Braid(85%) Shield, FEP Outer Jacket, CMP

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | extreme high/low temperature environments; chemical resistant; outdoor and burial applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, …); line level audio; voice communications; panel wiring |

### Construction Details

**Conductor**

| Element | Number of Element | AWG | Stranding | Material |
|---|---|---|---|---|
| Conductor(s) | 9 | 22 | 7x30 | TC - Tinned Copper |

**Insulation**

| Element | Material | Thickness [in] | Color Code |
|---|---|---|---|
| Conductor(s) | FEP - Fluorinated Ethylene Propylene | 0.0065 | Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe |

**Outer Shield Material**

| Type | Material | Coverage |
|---|---|---|
| Tape + Braid | Alum / Poly + Tinned Copper (TC) | 100% + 85% |

**Outer Jacket Material**

| Material | Thickness | Diameter |
|---|---|---|
| FEP - Fluorinated Ethylene Propylene | 0.014 in | 0.209 in |

### Electrical Characteristics

**Electricals**

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Max. Current |
|---|---|---|---|---|
| Conductor(s) | 15.5 Ohm/1000ft | 23 pF/ft | 40 pF/ft | 1.9 Amps per Conductor at 25ºC |

**Voltage**

| UL Voltage Rating |
|---|
| 300 V (CMP) |

### Mechanical Characteristics

**Temperature**

| UL Rating | Operating |
|---|---|
| 150°C | -70°C to +200°C |

**Bend Radius**

| Stationary Min. |
|---|
| 2.25 in |

| | |
|---|---|
| Max. Pull Tension: | 87 lbs |
| Bulk Cable Weight: | 46 lbs/1000ft |

## Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Outdoor, Oil Resistance, Burial |
| Sustainability: | CA Prop 65 |
| Flammability / Fire Resistance: | NFPA 262, FT6, IEC 60332-1-2 |
| NEC / UL Compliance: | Article 800, CMP |
| CEC / C(UL) Compliance: | CMP |
| CPR Euroclass: | Eca |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

## Product Notes

| | |
|---|---|
| Notes: | Gas Resistant |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.314 Revision Date: 06-09-2020 |

© 2020 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.

Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** sales@st-electron.ru

**Адрес:** 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331