



Product: [83319E](#)

Electronic, 2 C #22 Str SPC, TFE Ins, OA SPC Brd, TFE Tape Jkt, MIL-W-16878/4 (Type E)

Request Sample

Product Description

High Temperature Electronic, 2 Conductor 22AWG (19x34) Silver Plated Copper, TFE Insulation, Overall Silver Plated Copper Braid(85%) Shield, TFE Tape Outer Jacket, MIL-W-16878/4 (Type E)

Technical Specifications

Product Overview

Suitable Applications:	MIL-W-16878/4 (Type E) Spec; Extreme High/Low Temperature Environments; up to 600V analog signals & voltage control
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	22	19x34	SC - Silvered Copper

Insulation

Element	Material	Thickness [in]	Color Code
Conductor(s)	PTFE - Polytetrafluoroethylene	0.010	White, Black

Outer Shield Material

Type	Material	Coverage
Braid	SC - Silvered Copper	85%

Outer Jacket Material

Material	Thickness	Diameter
PTFE - Polytetrafluoroethylene	0.011 in	0.143 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	14.6 Ohm/1000ft	29.9 pF/ft	49.2 pF/ft	5 Amps per conductor at 25°C

Voltage

Non-UL Voltage Rating
600 V

Mechanical Characteristics

Temperature

Operating
-65°C to +200°C

Bend Radius

Stationary Min.
1.5 in

Max. Pull Tension:	43.8 lbs
Bulk Cable Weight:	17

### Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Fire Resistance:	IEC 60332-1-2
Military Compliance:	MIL-W-16878/4 (Type E except stranding), (insulated conductors)
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)
Other Standard Compliance(s):	NEMA HP3

### Product Notes

Notes:	Teflon« is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.
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### History

Update and Revision:	Revision Number: 0.318 Revision Date: 06-05-2020
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