




Product: [85240](#) 

Electronic, 3 C #20 Str TC, ETFE Ins, OS, ETFE Jkt

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Product Description

High Temperature Electronic, 3 Conductor 20AWG (7x28) Tinned Copper, ETFE Insulation, Overall Beldfoil® Shield, ETFE Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	extreme high/low temperature environments; chemical resistant; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); instrumentation
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	3	20	7x28	TC - Tinned Copper

Insulation

Element	Material	Thickness [in]	Color Code
Conductor(s)	ETFE - Ethylene Tetrafluoroethylene	0.0150	Black, Red, Green

Outer Shield Material

Type	Material	Coverage	Drainwire Type
Tape	Alum / Kapton®	100%	22 AWG (7x30) TC

Outer Jacket Material

Material	Thickness	Diameter
ETFE - Ethylene Tetrafluoroethylene	0.020 in	0.193 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	9.5 Ohm/1000ft	26.5 pF/ft	47.7 pF/ft	4 Amps per Conductor at 25°C

Voltage

Non-UL Voltage Rating
350 V

Mechanical Characteristics

Temperature

UL Rating	Operating
150°C	-60°C to +150°C

Bend Radius

Stationary Min.
2 in

Max. Pull Tension:	42 lbs
Bulk Cable Weight:	27 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Fire Resistance:	VW-1
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:	Tefzel and Kapton are DuPont trademarks.
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History

Update and Revision:	Revision Number: 0.310 Revision Date: 06-09-2020
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