



**Product:** [88757](#)

Electronic, 4 Pr #22 Str TC, FEP Ins, FEP Jkt, CMP

[Request Sample](#)

**Product Description**

High Temperature Electronic, 4 Pair 22AWG (7x30) Tinned Copper, FEP Insulation, 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 digital control (24v, ...); line level audio; voice communications; panel wiring
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	4

Conductor Count:	8
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**Insulation**

Material	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.0065 in

**Color Chart**

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue

**Outer Shield Material**

<b>Material</b>
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.2 in	0.009 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Conductor Loop DCR
16 Ohm/1000ft	32 Ohm/1000ft

**Capacitance**

<b>Nom. Capacitance Conductor to Conductor</b>
17 pF/ft

**Inductance**

<b>Nominal Inductance</b>
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0.15 µH/ft

#### Impedance

##### Nominal Characteristic Impedance

88 Ohm

#### Current

##### Max. Recommended Current [A]

3.3 Amps per Conductor at 25°C (10°C Temperature Rise)

#### Voltage

##### UL Voltage Rating

300 V RMS

#### Temperature Range

Operating Temp Range: -70°C To +200°C

#### Mechanical Characteristics

Bulk Cable Weight: 28 lbs/1000ft

Max. Pull Tension: 62 lbs

Min Bend Radius/Minor Axis: 2 in

#### Standards

NEC Articles: Article 800

NEC/(UL) Compliance: CMP

CEC/C(UL) Compliance: CMP

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive 2015/863/EU: Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

MII Order #39 (China RoHS): Yes

#### Flammability, LSOH, Toxicity Testing

UL Flammability: NFPA 262

CSA Flammability: FT6

UL voltage rating: 300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N): Yes

#### Part Number

Non-Plenum Number: 8757

#### Variants

Item #	Color	Putup Type	Length	UPC
88757 0021000	Red	Reel	1,000 ft	612825217237

Footnote: C - CRATE REEL PUT-UP.

#### History

Update and Revision: Revision Number: 0.299 Revision Date: 06-08-2020

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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
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#### Как с нами связаться

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