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### General Description:

25 AWG Stranded (7x33) conductor, (3) TC, (4) TCCS, FPE insulation, tinned copper spiral wrapped shield (85% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material
1	25	7x33	TC/TCCS -Tinned Copper/Tinned Copper Covered Steel

#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	0.125

#### Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Spiral Serve	TC - Tinned Copper	85.000

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 0.180 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	15 lbs/1000 ft.
Max. Recommended Pulling Tension:	5 lbs.
Min. Bend Radius (Overall):	2 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
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):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
80

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)

16

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

32.27

**Max. Operating Voltage - Non-UL:**

Voltage

300 V RMS

**Max. Recommended Current:**

Current

1.9 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8421 060250	250 FT	4.500 LB	CHROME		#25 PE SERVED PVC

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