



Product: [9851](#) 

COAX, 1C #30, Str, FEP, 1000 V RMS

Product Description

COAX, 1 Conductor 30 AWG (7/38) SPC - Silver Plated Copper, FEP Insulation, Overall Silver Plated Copper Shield, Clear FEP Outer Jacket

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	30 AWG	7x38	SC - Silvered Copper

Insulation

Element	Material	Nom. Insulation Diameter	Color Code
Conductor(s)	FEP - Fluorinated Ethylene Propylene	0.033 in (0.84 mm)	Clear

Outer Shield

Outer Shield Type	Material	Coverage
Braid	Silvered Copper (SC)	95%

Outer Jacket

Material	Nom. Diameter
FEP - Fluorinated Ethylene Propylene	0.070 in (1.8 mm)

Overall Cable Diameter (Nominal):	0.070 in (1.8 mm)
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Electrical Characteristics

Electricals

Element	Max. Conductor DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
Conductor(s)	241 Ohm/1000ft (791 Ohm/km)	29.3 pF/ft (96.1 pF/m)	50 Ohm	70%

Voltage

Voltage Rating
1000 V

Mechanical Characteristics

Temperature

Operating
-70°C To +200°C

Bend Radius

Stationary Min.
0.7 in (18 mm)

Max. Pull Tension:	14.9 lbs (6.76 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
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CEC / C(UL) Compliance:	.
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.10 Revision Date: 05-18-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
9851 BK005	Black	Reel	100 ft
9851 BL005	Blue	Reel	100 ft
9851 BR005	Brown	Reel	100 ft
9851 CL005	Clear	Reel	100 ft
9851 GR005	Green	Reel	100 ft
9851 OR005	Orange	Reel	100 ft
9851 RD005	Red	Reel	100 ft
9851 SL005	Slate	Reel	100 ft
9851 VI005	Violet	Reel	100 ft
9851 WH005	White	Reel	100 ft
9851 YL005	Yellow	Reel	100 ft

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