

## 9454 Coax - Dual Channel Audio Cable



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**General Description:**

Dual channel, 30 AWG stranded (7x38) TCCS conductors, FPE insulation, individual tinned copper spiral wrapped shield (85% coverage), PVC jacket, polarity ribbed.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
2	30	7x38	TCCS - Tinned Copper Covered Steel	.012

Total Number of Conductors: 2

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)	Dia. (in.)
FPE - Foam Polyethylene	.049	.110 +/- .003

**Insulation Color Code Chart:**

Number	Color
1	Red
2	White

**Inner Shield****Inner Shield Material:**

Type	Inner Shield Material	Coverage (%)
Spiral Serve	TC - Tinned Copper	85

**Outer Shield****Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Separator Thickness: 0.020 in.

**Overall Cable**

Overall Nominal Diameter: 0.160 x 0.320 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -40°C To +70°C

Non-UL Temperature Rating: 70°C

Bulk Cable Weight: 27 lbs/1000 ft.

Max. Recommended Pulling Tension: 4 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
MII Order #39 (China RoHS):	Yes

### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)
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110

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
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12

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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410.000

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

Voltage
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90 V RMS

### Max. Recommended Current:

Current
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0.3 Amps per conductor @ 25°C

## Notes (Overall)

**Notes:** Stereo connecting cable.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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