



## Part Number: 8434

Audio/Control/Instrumentation, (2 pr) 25 AWG (7x33) TC+TC covered Steel, PE/PVC, Foil Shld

[Request Sample](#)

### Product Description

Two 25 AWG pair stranded (7x33) tinned copper/tinned copper covered steel conductors, polyethylene insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Pairs
25	7x33	3 strands tinned copper + 4 strands tinned copper covered steel	2

Conductor Count:	4
Total Number of Pairs:	2
Conductor Size:	25 AWG

##### Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.015 in

##### Color Chart

Number	Color
1	Shielded: Red & Black
2	Unshielded: Green & White

##### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]
Tape	Aluminum Foil-Polyester Tape w/Shorting Fold (foil side out)	Beldfoil®	100 %

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	3 strands tinned copper + 4 strands tinned copper covered steel	25	7 x 33 awg mm

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.165 in	0.02 in

#### Electrical Characteristics

##### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
18.9 Ohm/1000ft	45.5 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
25 pF/ft	40 pF/ft

Shielding:	Multiple or Specialty
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##### Inductance

Nominal Inductance
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0.2 µH/ft

#### Current

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

1.3 Amps per conductor @ 25°C

#### Voltage

##### Non-UL Voltage Rating

400 V RMS

### Temperature Range

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

### Mechanical Characteristics

Bulk Cable Weight:	12 lbs/1000ft
Max Recommended Pulling Tension:	41 lbs
Min Bend Radius/Minor Axis:	1.75 in

### Standards

CPR Euroclass:	Eca
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### 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 Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flammability, LS0H, Toxicity Testing

UL voltage rating:	400 V RMS
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Part Number

#### Variants

Item #	Color	Footnote
8434 060100	Chrome	
8434 0601000	Chrome	C
8434 060500	Chrome	
8434 060U1000	Chrome	

Footnote:

C - CRATE REEL PUT-UP.

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