Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

BELDEN
SENDING ALL THE RIGHT SIGNALS

9622 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information
please call

1-800-Belden1

RoHS COMPLIANT
ENVIRONMENTALLY FRIENDLY

General Description:

16 AWG stranded (19x29) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor
AWG:

# Conductors	AWG	Stranding	Conductor Material
25	16	19x29	TC - Tinned Copper

Total Number of Conductors: 25

Insulation
Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.7874

Outer Shield
Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket
Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.651

Overall Cable
Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White
16	Black/Red
17	White/Red
18	Orange/Red
19	Blue/Red
20	Red/Green
21	Orange/Green
22	Black/White/Red
23	White/Black/Red
24	Red/Black/White
25	Green/Black/White

Overall Nominal Diameter: 22.327 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

UL Temperature Rating: 80°C

9622 Multi-Conductor - Audio, Control and Instrumentation Cable

Bulk Cable Weight:	654.808 Kg/Km
Max. Recommended Pulling Tension:	3380.632 N
Min. Bend Radius/Minor Axis:	228.600 mm

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):	10/01/2005
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

Flame Test

Other Flame Test:	VW-1, FT1

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
63.9795

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
14.4364

Max. Operating Voltage - Non-UL:

Voltage
600 V RMS

Max. Recommended Current:

Current
3.5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9622 060100	100 FT	49.000 LB	CHROME	C	25#16 PVC PVC
9622 0601000	1,000 FT	480.000 LB	CHROME	C	25#16 PVC PVC
9622 0602000	2,000 FT	914.000 LB	CHROME		25 #16 PVC PVC
9622 060500	500 FT	236.000 LB	CHROME	C	25 #16 PVC PVC

Notes:
C = CRATE REEL PUT-UP.

Revision Number: 3   Revision Date: 08-23-2012