Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

9455 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1

Description:

20 AWG stranded (7x28) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
9	20	7x28	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.013

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.035

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
3.50	3.4

Overall Cabling Color Code Chart:

Number	Color
1	White
2	Red
3	Green
4	Brown
5	Blue
6	Orange
7	Yellow
8	Purple (around Black)
9	Black

Overall Nominal Diameter:	0.317 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	61 lbs/1000 ft.
Max. Recommended Pulling Tension:	111 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.200 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
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):	04/01/2005
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

C(UL) Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
27

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.7

Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current
2.8 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9455 060100	100 FT	7.100 LB	CHROME		9 #20 PVC FRPVC
9455 0601000	1,000 FT	67.000 LB	CHROME	C	9#20 PVC FRPVC
9455 060500	500 FT	35.000 LB	CHROME	C	9#20 PVC FRPVC

Notes:
C = CRATE REEL PUT-UP.

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