



General Description:

22 AWG stranded (19x34) TC conductors, FPE insulation STP w/Beldfoil® shield, TC drain wire, 14 AWG (41x30) TC conductors, PVC insulation, Filler as required, PVC Jacket

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
2	1	22	19x34	TC - Tinned Copper
2	1	18	41x30	TC - Tinned Copper

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)	AWG
Datalene®	HDFPE - High Density Foam Polyethylene	.016	22
	PVC - Polyvinyl Chloride	.016	18

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)	Stranding	Dia. (in.)	Conductor Material
22 AWG Pair	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100			

Inner Shield Drain Wire AWG:

AWG	Stranding	Conductor Material
22 AWG	7x32	TC - Tinned Copper

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Nominal Jacket Thickness: .045"

Overall Cabling Separator Material:

Paper Tape

Overall Cable

Overall Nominal Diameter: 0.325 in.

Pair

Pair Color Code Chart:

Number	Color
1	Red & Green
2	Black & White

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 40 lbs/1000 ft.

Max. Recommended Pulling Tension: 59.800 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

AWM Specification: UL Style 2919 (30V 80°C)

Quote 1206933B Design A, Multi-Conductor - Multimedia Control Cable

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 Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

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

Nom. Characteristic Impedance:

Description	Impedance (Ohm)
22 AWG Pair	100

Nom. Capacitance Conductor to Conductor:

Description	Capacitance (pF/ft)
22 AWG	15

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
22 AWG	16.3
14 AWG	2.53

Max. Operating Voltage - UL:

Voltage
30 V RMS (UL AWM Style 2919)

Quote 1206933B Design A, Multi-Conductor - Multimedia Control Cable

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