



Part Number: PU0C5UU09
9P20 AWG PVC/FRPVC 300V

Product Description

UL Instrumentation, 9 Pairs 20AWG Bare Copper, PVC Insulation, PVC Outer Jacket, PLTC, UL13/UL2250

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Material	No. of Pairs
20AWG	BC-Bare Copper (Stranded)	9

Insulation

Material
PVC

Color Chart

No. of Pairs	Color
9	Black & White, All cores with number coding 1~9

Overall Shield or Un-shield Material

Type	Material	Coverage [%]
Tape	Foam PP Tape	100 %

Outer Jacket Material

Material	Nominal Diameter	Ripcord
PVC	14 mm	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR @ 20 °C
35.78 Ohm/km

Capacitance

Nom. Capacitance Core to Core
< 120 pF/m

Inductance

Nominal Inductance

<= 800 uH/km

Inductance to Resistance Ratio L/R

Max. Inductance to Resistance Ratio L/R

< 20 µH/Ohm

Voltage

Voltage Rating	300 V
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Temperature Range

Operating Temp. range	-30°C To + 90°C (UL)
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Mechanical Characteristics

Bulk Cable Weight	214
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Standards

Cable Standards	UL13 UL 2250
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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 2015/863/EU	Yes
EU CE Mark	Yes
CA Prop 65 (CJ for Wire and Cable)	Yes
MII Order 39 (China RoHS)	Yes

Suitability

Suitability - UV Resistance	Yes (UL 1581)
Suitability - Oil Resistance	Yes

Flammability, LSZH, Toxicity Testing

UL Flammability	FT4
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History

Update and Revision	Revision number: 0 Revision Date: 3-6-2020
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