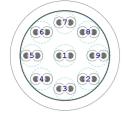


# Part Number: PU0C5UU09

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**

| Туре | Material     | Coverage [%] |
|------|--------------|--------------|
| Таре | 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

| < 20 µH/Ohm                          |  |
|--------------------------------------|--|
| -                                    |  |
| Voltage                              |  |
| Voltage Rating                       | 300 V                                      |
| Temperature Range                    |  |
| Operating Temp. range                | -30°C To + 90°C (UL)                       |
| Mechanical Characteristics           |  |
| Bulk Cable Weight                    | 214  |
| Standards                            |  |
| Cable Standards                      | UL13 UL 2250                               |
| 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  |
| History                              |  |
| Update and Revision                  | Revision number: 0 Revision Date: 3-6-2020 |

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