



Description: 22/6P+18/2P+22/16C Composite Cable, **Create Date**: **04/21/2021**

Overall Braid,

Design No.: 10494/01

Pull locket

PUR Jacket Reference: PU-2939

Element A Six 22AWG twisted, shielded, jacketed pairs

Nom OD

Conductor: 22AWG, 19/34 stranded tinned copper

Insulation: nominal .012"thickness, XLPE (-30°C to +125°C) 0.055"

Color Code: 1. Black-Red

2. Black-White 3. Black-Green

4. Black-Blue

5. Black-brown

6. Black-Yellow

Drain Wire: 26AWG, 7/34 stranded tinned copper

Shield: Al/polyester, foil facing in making contact with drain wire

Jacket: nominal .012" thickness, LDPE, Black 0.138"

Element B Two 18AWG twisted, shielded, jacketed pairs

Nom OD

Conductor: 18AWG, 19/30 stranded tinned copper

Insulation: nominal .015" thickness, XLPE (-30°C to +125°C)

0.081"

Color Code: 1. Red-Green 2.

2. Red-White

Drain Wire: 22AWG, 7/30 stranded tinned copper

Shielded: Al/polyester, foil facing in making contact with drain wire

Jacket: nominal .015" thickness, LDPE, Black 0.197"

Element C Sixteen 22AWG single conductors

Nom OD

Conductor: 22AWG, 19/34 stranded tinned copper

Insulation: nominal .012"thickness, XLPE (-30°C to +125°C)

1.40mm

Color Code: 1.Black 2.Brown 3.Red 4.Orange 5.Yellow 6.Green 7. Blue

8.Violet 9.Gray 10.White/Blue 11.White/Black 12. White/Brown

13. White/Red 14. White/Orange 15. White/Yellow 16. White/Green

Overall Cable Construction

Cabling: All elements are cabled together

Overall Binder: Polyester tape

Fillers: Fillers may be used as required for roundness Braid: 36AWG tinned copper, min 85% coverage

Separator: Paper

Jacket: nominal .032" thickness, PU (-40°C to +80°C), Black

0.635"





Print

According to customer's request

Requirements

Operating Voltage: 300V

Cond A & C DC Resistance: Max 59.4 Ω/km @20°C

Cond B DC Resistance: Max 23.3 Ω /km @20°C

Dielectric Test: AC 2.0kV/1 min Cable weight in air: 0.245 LB/FT

RoHS Compliant

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