

22/3P+18/1P Overall Braid, Composite Cable

PRODUCT DATA SHEET

Insulated with Cross-linked Polyethylene which rated temperature is 125C, and jacket PU is wear-resisting.

Design Number 10524
Part Number 32152905
Customer Number N/A

CONSTRUCTION

Element A Three 22AWG twisted, shield, jacketed pairs

Conductor: 22AWG, 19/34 stranded tinned copper

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

Insulation Diameter: 0.055"(Nom.)

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

Jacket Diameter: 0.138"(nom.)

Element B One 18AWG twisted, shield, jacketed pair

Conductor: 18AWG, 19/30 stranded tinned copper

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

Insulation Diameter: 0.081"(Nom.)

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

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

Jacket: nominal .015" thickness, LDPE, Black

Jacket Diameter: 0.197"(nom.)

Overall Cable Construction

Cabling: All elements are cabled together

Overall Binder: Polyester tape

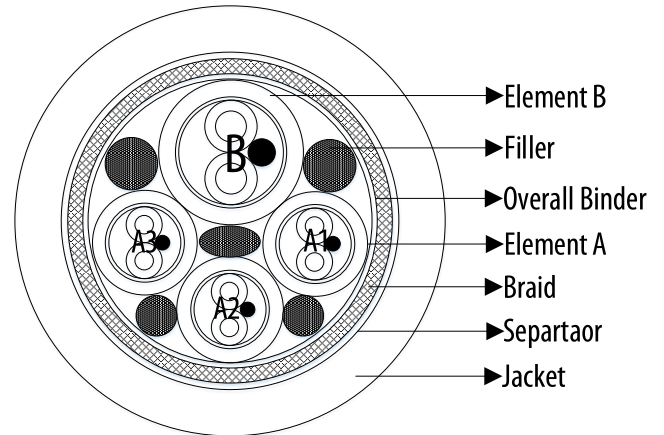
Fillers: Fillers may be used as required for roundness

Braid: 36AWG tinned copper, min 85% coverage

Separator: Paper

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

Jacket Diameter: 0.480"(nom.)



Color Code A: 1. Black-Red 2. Black-White 3. Black-Green

Color Code B: Red-Green

PHYSICAL CHARACTERISTICS

Operating Temperature (°C): -30°C to +125°C (Insulation)

-40°C to +80°C (Jacket)

Operating Voltage: 300V

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

B: 23.3 Ω/km Max

Dielectric Test: AC 2.0 kV/1 min

Cable Weight In Air: 0.114 LB/FT (170KG/KM)

RoHS Compliant

Application: Wear resistant industrial control cable

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Revision History		
00	2021/08/06	Initial release
Created L. Jian	Approved A. Huang	

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