

CABLE-IN-CONDUIT: CSA RATE CABLECON DIRECT BURIAL CABLE

SPEC P7304D-CIC-AG



CONDUCTOR: CLASS B STRANDED
ALUMINUM

JACKET: COMPOUNDED
THERMOSETTING
CROSS-LINKED POLYETHYLENE

SIZES: 18AWG THRU 2000MIL



1.0 APPLICATION

1.1 Cablecon is a tough, durable and reliable preassembled cable-in-conduit system that minimizes the chance of crop loss due to cable failures caused by gopher bites, salt damage or chemical deterioration and rough rocky soils. The size of the conduit and its smooth, continuous surface make Cablecon virtually impenetrable to gopher attacks. There are no leaky couplings or splices to fail. And Cablecon's durable polyethylene composition resists abrasion, moisture, acids, alkalis, salts, detergents and other chemicals. The electrical cables inside remain protected. Can be ordered with pump kill wire/or remote panel mount cables.

2.0 CONSTRUCTION

- 2.1 CONDUCTOR:**
Class B stranded, aluminum conductor per ASTM B323 or B231.
- 2.2 INSULATION:**
Specifically compounded thermosetting cross-linked polyethylene. Four insulated conductors laid parallel. Wall thickness are in accordance with Underwriters' Laboratory and National Electric Code requirements for Types RHH and RHW. It combines outstanding resistance to heat and water with exceptional resistance to chemicals, abrasion, crushing and weathering and meets the applicable requirements of U.L. Standard S-66-524. Color coded by ICEA Method III, longitudinally colored stripe.

2.3 CONDUIT:
a black High Density Type III, Grade P33 polyethylene with outstanding resistance to corrosion, rust, chemicals, weather and sunlight and is impervious to electrolytic environments. Its strength and abrasion resistance, combined with excellent aging characteristics, make a long-lasting protection for the cable construction.

2.4 KILL WIRES:
optional

2.5

LEGEND: INTEGRAL CABLECON (SIZE) TYPE III HDPE				
Duct Size	Outside Diameter	Nominal Wall	Nominal I.D.	Conduit Weight
1.25"	1.25"	1.25"	1.25"	1.25"
1.50"	1.50"	1.50"	1.50"	1.50"
2.00"	2.00"	2.00"	2.00"	2.00"