



DBS203P Communication Cable

Description:

Regency's DBS203P Communication Cable is a three (3) pair cable manufactured for the purpose of direct burial systems communication for weather and pump station applications in accordance with the National Electric Code.

Conductor construction is soft drawn tinned bare copper meeting the requirements of ASTM Specification B-33.

The conductors are 20 AWG stranded with a polypropylene insulation. Each of the insulated pairs are twisted and color-coded to facilitate pair identification with an aluminum polyester tape shielding and a drain wire. The overall jacket is constructed with polyethylene insulation.

The cable assembly is then longitudinally wrapped with an electrically continuous thick polymer-coated smooth aluminum tape overlapped to give 100% coverage.

DBS203P is constructed in accordance with Underwriters Laboratories, Inc.

Application:

Suitable for use in requirements in communication for weather station or pump station control equipment. UL listed and labeled for direct burial.

Construction:

Conductor: Soft drawn tinned bare copper (ASTM Spec. B-3).

AWG	Number of Pairs	Conductor Stranding
20	3	10 x 30

Insulation: Polypropylene, nominal insulation thickness .0150"
Shielding: .00235" aluminum polyester tape, helically wrapped, over each pair giving 100% shielding
Drain Wires: 20 AWG tinned copper drain wire, for each pair laid under the shield in contact with aluminum side for each pair
Jacket: .040" black sunlight resistant polyethylene
Resistance: 10.9 OHMS PER M at 68 Deg. F
Capacitance: 25.7 Pico Farads Nom
Voltage: 350 Volts
Nominal O.D.: .334"
Cable Wt.: 59.77 Lb. / 1000 Ft.
Color Coding: Pair 1 - Black, Red Pair 2 - Black, White Pair 3 - Black, Green
Print Legend: Regency Wire 3 Pair 20 AWG Shielded DBS203P UL