



Aquaseal Power-Limited Cable Multiple Conductor Shielded

Description:

- ASTM bare copper
- PVC insulation with nylon
- Twisted pair construction (six twists per foot)
- Overall shield 100% coverage of aluminum polyester foil with strd. TC drain wire
- Waterblocked construction
- Overall 105° C sunlight and moisture resistant PVC jacket

Rating:

- UL Listed NEC Type FPL or PLTC
- UL listed for direct burial
- Constructed in accordance with UL Standard 1424 and 13
- Complies with UL 1581 Vertical Tray Flame Test
- Temperature Range: -25° C to 105° C dry locations, 75° C wet locations
- Meets 300 volt requirement as specified in Section 725-51 (e) and 760-51 (c) of the NEC

Applications:

- Multiple NEC markings and materials suitable for outdoor use, indoor trays, and non-conduit per NEC allows a variety of uses for:
- Low Voltage Industrial Process Control Circuits
 - Power-Limited Circuits
 - Power-Limited Fire Alarm Cables
 - Power-Limited Tray Cable PLTC

Color Code:

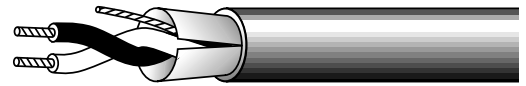
1. Black, 2. Red

JACKET: Black

SPECIAL NOTES:

- Orange ripcord under jacket

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Electrical Characteristics Nominal	
Capacitance @ 1 KHZ	32 pf/ft*
	105 pf/M*
	58 pf/ft**
	190 pf/M**
Conductor DCR (Resistance) @ 20° C	6.2 Ω per 1000 ft.

*Capacitance between conductors.
**Capacitance between one conductor and the others connected to the shield.

Mechanical Characteristics	
Number of Pairs	1 Pair
AWG Size	18
Stranding	(7 x 26)
Nom. Insulation Thickness	.015 PVC .38 mm (.005 Nylon) .13 mm
Nom. Jacket Thickness	.040 (1.02 mm)
Nom. O.D.	.310 (7.87 mm)
Drain Wire Size	18 (7x26)

