



**Aquaseal Power-Limited Cable** Multiple Conductor Unshielded



Direct Burial



**Description:**

- ASTM bare copper
- PVC insulation with nylon
- Twisted pair construction (six twists per foot)
- 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

Electrical Characteristics Nominal	
Capacitance @ 1 KHZ	28 pf/ft*
	92 pf/M*
Conductor DCR (Resistance) @ 20° C	4.2 Ω per 1000 ft.

\*Nominal Capacitance between conductors.

Mechanical Characteristics	
Number of Pairs	1 Pair
AWG Size	16
Stranding	(7 x 24)
Nom. Insulation Thickness	.015 PVC .38 mm (.005 Nylon) .13 mm
Nom. Jacket Thickness	.040 (1.02 mm)
Nom. O.D.	.295 (7.49 mm)

**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

This document is the property of WEST PENN WIRE/CDT. The information contained herein is considered proprietary and not to be reproduced by any means without written consent of WEST PENN WIRE/CDT.

