



Communication and Control Cable *Aquaseal*®

Description:

- Multiple conductor unshielded/shielded
- ASTM tin copper
- PVC insulation
- One pair overall shielded 100% polyester foil with TC drain wire
- Two pair unshielded
- Waterblocked construction
- Overall 105°C sunlight and moisture resistant PVC jacket

Rating as per NEC:

- UL or C(UL)+ listed NEC Type CM or CL3
- Constructed in accordance with UL Standard 444 and 13
- Complies with UL 1581 vertical tray flame test
- Temperature range: -20° C to 75° C dry locations
- Meets 300 volt requirements as specified in section 800-51 of the NEC

Applications:

Materials suitable for outdoor use, indoor trays, and non-conduit per NEC:

- Intercom Systems
- Sound and Audio
- Background Music
- Power—Limited Control Circuits

Color Code: Shielded: 1. Black, 2. Red,
Unshielded: 3. White, 4. Green,
 5. Brown, 6. Blue

Jacket Color: Gray

Special Notes:

Orange ripcord under jacket
 Registered trademark of West Penn Wire/CDT

CAUTION: Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation.

Construction	
Number of Conductors	6
Shielded Conductors	2
Unshielded Conductors	4
AWG Size	22
Stranding	Solid
Drain Wire AWG Size	22
Nom. Insulation Thickness	.010 inch (.25 mm)
Nom. Jacket Thickness	.025 PVC (.64 mm)
Nominal O.D.	.224 (5.69mm)
Nom. Capacitance*	54 pf/ft 177 pf/m
Nom. Capacitance**	97 pf/ft 318 pf/m
DCR Resistance	17.5Ω per 1000ft

* Capacitance between conductors

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

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