



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,

Jacket Color: Gray

Special Notes:

Orange ripcord under jacket

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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	4
Shielded Conductors	2
Unshielded Conductors	2
AWG Size	22
Stranding	(7x30)
Drain Wire AWG Size	24
Nom. Insulation Thickness	.010 inch (.25 mm)
Nom. Jacket Thickness	.025 PVC (.64 mm)
Nominal O.D.	.235 (5.97 mm)
Nom. Capacitance*	55 pf/ft 180 pf/m
Nom. Capacitance**	99 pf/ft 404 pf/m
DCR Resistance	17 Ω per 1000ft

* Capacitance between conductors

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

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