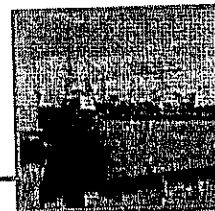


20070207



Commodore™ Copper Communication Cables



**Low-Smoke, Zero-Halogen
RG-58/U Type Coax
Armored & Sheathed
ABS Type Approved, ETL Confirmed**



Product Construction:

1. Conductor:

- 21 AWG 19/33 tinned copper: .035" nom. O.D.

2. Insulation:

- Polyethylene, .040" nom. wall: .116" nom. O.D.

3. Shield:

- 36 AWG tinned copper braid, 95% nom. coverage

4. Inner Sheath:

- Low-Smoke, Zero-Halogen Polyolefin, .028" nom. wall,
Black: .195" nom. O.D.

5. Armor:

- 28 AWG bronze braid, 88% min. coverage

6. Outer Sheath:

- Low-Smoke, Zero-Halogen Polyolefin, .045" nom. wall,
Black: .340" nom. O.D.

7. Print:

- GENERAL CABLE (F) COMMODORE LSZH ARMORED MARINE CABLE 21
AWG RG-58/U TYPE COAX IEC 60332-3-22 CAT A AAAAA* MO/YR**
XXXXXX***

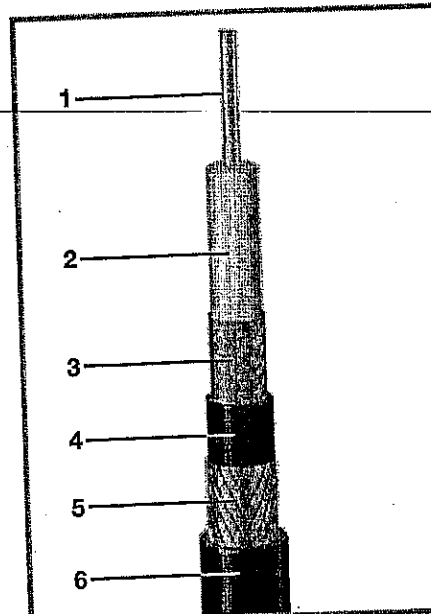
*Order Number **Date ***Footage Markings every 2 ft

8. Cable Weight:

- 100 lbs/kft nom.

Features:

- Mechanically enhanced construction renders the cable suitable for installation in cable tray as an interconnect cable
- Suitable for installation in vessels' quarters area



Compliances:

- Flammability: IEC 60332-3-22 Category A
- Smoke: IEC 61034-1 & 2 MIL-DTL-24643B and NES 711
- Halogen Content: IEC 60754-1 & 2
- Toxicity: MIL-DTL-24643B and NES 713
- Acidity: IEC 60754-1 & 2 and MIL-DTL-24643B
- Armor: IEEE 1580 and IEC 60092-350

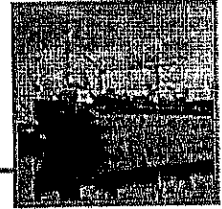
Third-Party Testing:

ETL has tested and confirmed that this product complies with the above specifications (report number 31203100RT-002)



Offshore and
Marine Shipboard
Cables

Commodore™ Copper Communication Cables



**Low-Smoke, Zero-Halogen
RG-58/U Type Coax
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Electrical Characteristics:

Impedance: $50 \Omega \pm 3 \Omega$
 Capacitance: 30.8 pF/ft nom.
 Velocity of Propagation: 66% nom.
 Conductor DCR: 10.8 Ω /kft nom.
 Inductance: 0.075 μ H/ft
 Time Delay: 1.51 ns/ft
 Temperature & Voltage Ratings: -30°C to +75°C/300V Max.
 Attenuation (Nom.):

FREQ. (MHz)	dB/100 FT
1	0.5
5	1.1
10	1.6
20	2.3
50	3.5
100	4.8
200	6.8
400	10.0
700	14.2
900	16.5
1000	17.7

Part number: CO21C0012170

