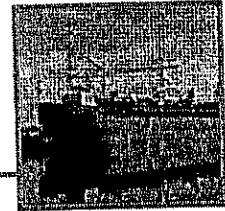


Commodore™ Copper Communication Cables



**Low-Smoke, Zero-Halogen
RG-59/U Type Coax
Armored & Sheathed
ABS Type Approved, ETL Confirmed**

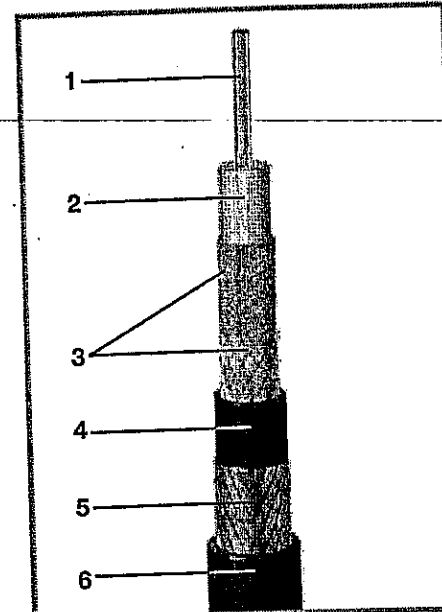


Product Construction:

- 1. Conductor:**
 - 20-AWG solid bare copper, .032" nom. O.D.
- 2. Insulation:**
 - Foam Polyethylene, .057" nom. wall; .145" nom. O.D.
- 3. Shields:**
 - Aluminum/Polyester/Aluminum tape, 100% coverage
 - 34 AWG tinned copper braid, 95% nom. coverage
- 4. Inner Sheath:**
 - Low-Smoke, Zero-Halogen Polyolefin, .032" nom. wall, Black: .246" nom. O.D.
- 5. Armor:**
 - 28 AWG bronze braid, 88% min. coverage
- 6. Outer Sheath:**
 - Low-Smoke, Zero-Halogen Polyolefin, .048" nom. wall, Black: .395" nom. O.D.
- 7. Print:**
 - GENERAL CABLE (F) COMMODORE LSZH ARMORED MARINE CABLE 20 AWG RG-59/U TYPE COAX IEC 60332-3-22 CAT A AAAAA* MO/YR** XXXXXX***
 - *Order Number **Date ***Footage Markings every 2 ft
- 8. Cable Weight**
 - 119 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 3116259CRT001)



Offshore and
Marine Shipboard
Cables

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Electrical Characteristics:

Impedance: $75 \Omega \pm 5 \Omega$
 Capacitance: 16.3 pF/ft nom.
 Velocity of Propagation: 83% nom.
 Conductor DCR: 10.0 Ω /kft nom.
 Shield DCR: 3.8 Ω /kft nom.
 Inductance: 0.097 μ H/ft
 Time Delay: 1.22 ns/ft
 Temperature & Voltage Ratings: -30°C to +75°C/300V Max.
 Attenuation (Nom.):

FREQ (MHz)	dB/100 FT
100.0	2.33
135.0	2.70
143.0	2.77
180.0	3.10
270.0	3.80
360.0	4.42
540.0	5.47
720.0	6.36
750.0	6.50
1000.0	7.60
1500.0	9.30
2000.0	10.90
2500.0	12.30
3000.0	13.40

Part number: C020C0012170

