



Onshore, Offshore
and Marine Shipboard
Cables

COMMODORE® Copper Communication Cables



**Low-Smoke, Zero-Halogen, 100 Ω RS422
Network Cable, Four Pair
Overall Shielded, Armored & Sheathed
ABS Type Approved, ETL Confirmed**



Product Construction:

1. Conductor:

- 24 AWG 7/32 tinned copper: .024" nom. O.D.

2. Insulation:

- Foam Polyethylene: .048" nom. O.D.

3. Pairs:

- Two insulated conductors twisted left-hand lay
- Color Code:

P1: White, Blue	P3: White, Green
P2: White, Orange	P4: White, Brown

4. Shield:

- Overall Aluminum/Polyester Tape (aluminum side out)

5. Drain Wire:

- 24 AWG 7/32 tinned copper

6. Inner Sheath:

- Low-Smoke, Zero-Halogen Polyolefin — .030" nom. wall, Black: .250" nom. O.D.

7. Armor:

- 28 AWG bronze braid, 88% min. coverage

8. Outer Sheath:

- Low-Smoke, Zero-Halogen Polyolefin, .048" nom. wall, Black: .400" nom. O.D.

9. Print:

- GENERAL CABLE (F) COMMODORE® LSZH ARMORED MARINE CABLE 4 PR 24 AWG 100 OHM RS422 IEC 60332-3-22 CAT A AAAAA* MO/YR** XXXXXX***

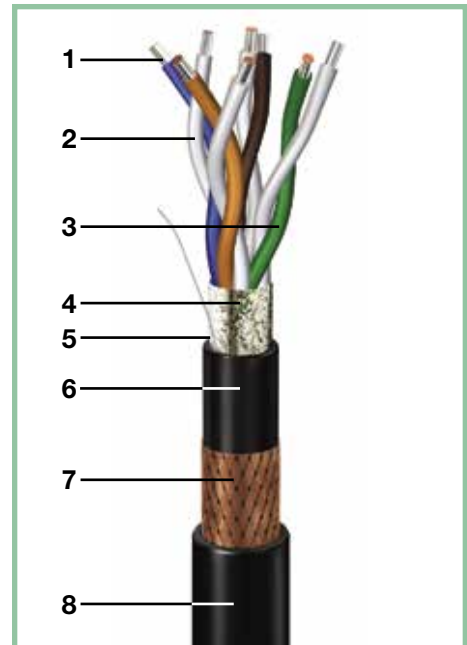
*Order Number **Date ***Footage Markings every 2 ft

10. Cable Weight:

- 125 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 3116259CRT-002)



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Electrical Characteristics

Conductor DCR: 25.7 Ω /kft nom.
Mutual Capacitance: 13.5 pF/ft nom.
Impedance: 100 \pm 10 Ω
Velocity of Propagation: 76% nom.
Temperature & Voltage Rating: -30°C to +75°C/300 V Max.

Catalog number: E024P0042186