

EXANE® CAT 6

4 Pairs 24 AWG, NFPA 130 Compliant



90 °C • 100 Ohms • Low Smoke Zero Halogen • Train Car Applications
EIA/TIA 568-C.2 for CAT 6 • TD-009730

FEATURES

- **Thermoset LSHF Insulation and outer Jacket**
- **Superior mechanical properties**
- **Ruggedized construction, excellent mechanical toughness**
- **Operating temperature -40 °C to 90 °C**
- **Passes temperature cycling test -30 °C to +125 °C, 250 cycles**
- **Ozone resistance**
- **Tested to the following RP-585 tests: Abrasion test, Notch Propagation, Crush, 26 weeks long term water, Cut through**

PERFORMANCE STANDARDS

- **EIA/TIA 568-C.2 for Category 6 cables**
- **Passes the spread of fire and smoke emissions test requirements for low voltage wire and cable in accordance with NFPA 130-2014 Article 8.6.7.1.1 for transit vehicle application. Passes UL 1685 flame test with IEEE 1202/FT4 Flame Method and smoke measurement.**
- **Passes the flame test requirement of 49 Code of Federal Regulations (CFR), Part 238 Appendix B, in accordance with NEMA WC3/ICEA S-19-81, paragraph 6.19.6.**
- **Passes the smoke test requirement of 49 Code of Federal Regulations (CFR), Part 238, Appendix B, in accordance with ASTM E662-97.**
- **Passes Toxicity Test requirements when tested in accordance with Boeing Specification Support Standard (BSS) 7239.**
- **ROHS and Reach compliant**

CONSTRUCTION

Conductor: Stranded Tin Copper 24 AWG (7/32)

Insulation: Cross-Linked Low Smoke Halogen Free Insulation

Color Code: Pair #1: Brown/White Brown Pair #3: Green/White Green
Pair #2: Orange/White Orange Pair #4: Blue/White Blue

Pairs: Two Conductors twisted together with varying lay

Core Assembly: Four twisted pairs cabled together

Inner Jacket: Black, Low Smoke Halogen Free

Braid: 36 AWG, Tin Copper

Outer Jacket: Black, Cross-Linked Low Smoke Halogen Free Jacket

*Typical installation employs M12 connector, contact Electro Wire for more information.



EXANE CAT 6 TD-009730, 4 Pairs 24 AWG

Part Number	Number of Pairs	Conductor Stranding	Conductor Size MILS	Insulated Cond. Size MILS	Jacket Wall MILS	Overall Size IN	Weight LBS/1000 FT	Bend Radius IN
ED08024-009	4	7/32	24	42	35	0.342	57	3.5/5.25

Exane® is a registered trademark RSCC Wire & Cable LLC

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