

EXANE® RS-485

2C 20 AWG, NFPA 130 Compliant



90 °C • 100 Ohms • Low Smoke Zero Halogen • Train Car Application
 RS-422 • RS-232 • LON • Fieldbus • TD-010002

FEATURES

- Thermoset LSHF Insulation and 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

- 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 20 AWG (19/32)
Insulation: Cross-Linked Low Smoke Halogen Free
Color Code: Yellow White
Pairs: Two Conductors twisted together
Shield: Tape Shield
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.



SCOPE

Exane® RS-485 TD-010002 is designed to operate on train cars, LRV, and people mover applications. It employs a rugged thermoset low smoke halogen free jacket compound. The thermoset jacket provides superior resistance to abrasion, fire, and moisture. It may be installed in wet or dry locations. The cable complies with train cars specifications such as NFPA 130, ICEA S-19-81, ASTM E662, BSS 7239 and parts of RP-585.

EXANE RS-485 TD-010002, 2C 20 AWG

Part Number	Number of Conductors	Conductor Stranding	Conductor Size MILS	Insulated Cond. Size MILS	Jacket Wall MILS	Overall Size IN	Weight LBS/1000 FT	Bend Radius IN
-	2	19/32	38	100	35	0.340	65	2.8/5.7

Exane® is a registered trademark RSCC Wire & Cable LLC

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