



Low Smoke Zero Halogen 90°C
100 Ohms
RSCC TD-010002
RS-422, RS-232, LON, Fieldbus

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 WC 3/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 RSCC for more information.

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

RSCC Part Number	Number of Conductors	Conductor stranding	Conductor size (mils)	Insulated Conductor size (mils)	Jacket Wall (mils)	Overall Size (inch)	Weight (lbs/1000 ft)	Bend Radius (Installed/during installation) inch
TBD	2	19/32	38	100	35	0.340	65	2.8/5.7