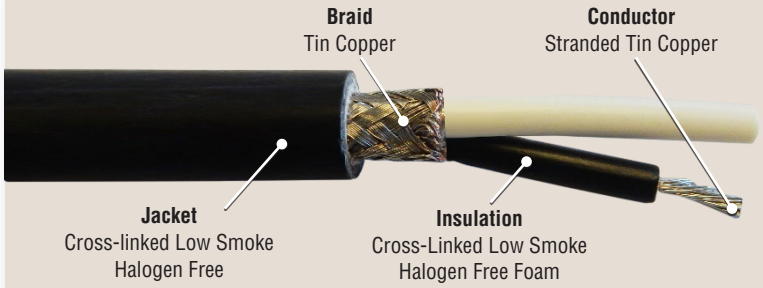
Exane® MVB/WTB
2C 20 AWG, Train car applications
NFPA 130 Compliant



Low Smoke Zero Halogen 90°C
MVB/WTB, 120 Ohms
RSCC TD-009704

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, Cut through

Scope

RSCC Exane® MVB/WTB TD-009704 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.

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 Foam
Color Code: Black White
Pairs: Two Conductors twisted together
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 MVB/WTB TD-009704, 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
ED02020-006	2	19/32	38	0.113	35	0.342	68	2.8/5.7

Marmon Engineered Wire & Cable LLC
A Berkshire Hathaway Company