



## Features

- Thermoset LSHF 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, Cut through
- Can be used for CAN-BUS applications

## Scope

RSCC Exane® ZH TD-009196 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. 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 130-2017 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:** Foamed Polyethylene
- Color Code:** Black, Red, Yellow, White
- Cable:** Four Conductors twisted together
- Braid:** 36 AWG, Tin Copper
- Outer Jacket:** Turquoise, Cross-Linked Low Smoke Halogen Free Jacket



Typical installation employs M12 connector, contact RSCC for more information.

## Exane MVB TD-009196, 4C 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 |
|------------------|----------------------|---------------------|-----------------------|---------------------------------|--------------------|---------------------|----------------------|--|
| ED04020-005      | 4                    | 19/32               | 38                    | 89                              | 35                 | 0.342               | 84                   | 2.0/3.54   |