

Features

- Wide insulated conductor temperature range -40°C to 125°C
- Light weight
- Superior mechanical properties
- Flexible construction
- Flame retardant
- Low smoke
- Excellent fluid/oil resistance
- Moisture and sunlight resistant
- REACH and RoHS compliant

Performance Standards

- Meets all requirements of RSCC Spec. DAC 1168B
- Passes the spread of fire and smoke emission in accordance with NFPA 130-2014 article 8.6.7.11 FT4/IEEE1202 with smoke per UL 1685
- Single conductors pass UL VW-1 flame test

Construction

Conductors: Annealed, Tinned copper per ASTM B33, B172, AAR S-501, and AAR RP-585

Insulation: Exane[®] 15 crosslinked polyolefin with crosslinked modified fluoropolymer jacket

Color Code: As specified by customer

Fillers: When required, flame retardant and non-hygroscopic

Binder Tape: Non-hygroscopic and non-wicking

Shield: Tin copper braid or as specified by customer

Jacket: Exane[®] crosslinked polyolefin

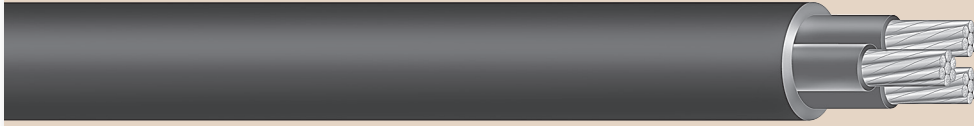
Scope

Exane[®]-15 reduced diameter multiconductor transit cable is ideally suited to operate in the confined spaces of today's transit vehicles. They are designed to operate inside equipment, in trays, conduit, raceways and other areas of the vehicle where space is limited. These cables have excellent flexibility, flame, crush, oil and moisture resistance. They are available in both unshielded and shielded constructions.

* RSCC rated 125°C, 130°C overload, 250°C short circuit

Exane[®]-15

Multiconductor Transit Cable



Multiconductor Cable
Shielded and Unshielded
600 Volt
125°C
Spec. DAC1168B

| Product Number | Number of Conductors | AWG | (mm ²) | Stranding | Insulated Conductor OD (Inch) | Jacket Thickness (Inch) | Cable OD (Inch) | Weight LBS/M' | Technical Drawings |
|----------------|----------------------|-----|--------------------|-----------|-------------------------------|-------------------------|-----------------|---------------|--------------------|
|----------------|----------------------|-----|--------------------|-----------|-------------------------------|-------------------------|-----------------|---------------|--------------------|

Exane[®] 15: Two Conductor Cable Unshielded

| | | | | | | | | | |
|-------------|---|----|------|-------|-------|-------|-------|-------|-----------|
| RTXE 2/C 22 | 2 | 22 | .38 | 19/34 | 0.060 | 0.020 | 0.175 | 17.0 | TD-010768 |
| RTXE 2/C 20 | 2 | 20 | .62 | 19/32 | 0.068 | 0.020 | 0.180 | 21.0 | TD-010769 |
| RTXE 2/C 18 | 2 | 18 | .96 | 19/30 | 0.077 | 0.020 | 0.198 | 23.8 | TD-005646 |
| RTXE 2/C 16 | 2 | 16 | 1.23 | 19/29 | 0.084 | 0.020 | 0.212 | 28.3 | TD-004180 |
| RTXE 2/C 14 | 2 | 14 | 1.94 | 19/27 | 0.097 | 0.020 | 0.238 | 39.1 | TD-010452 |
| RTXE 2/C 12 | 2 | 12 | 3.08 | 19/25 | 0.115 | 0.020 | 0.276 | 56.1 | TD-010611 |
| RTXE 2/C 10 | 2 | 10 | 4.74 | 27/24 | 0.151 | 0.020 | 0.347 | 105.0 | TD-010770 |

Exane[®] 15: Two Conductor Cable Shielded with Tinned Copper Braid Shield

| | | | | | | | | | |
|--------------|---|----|------|-------|-------|-------|-------|-------|-----------|
| RTXE 2/C 22S | 2 | 22 | .38 | 19/34 | 0.060 | 0.020 | 0.190 | 16.0 | TD-008444 |
| RTXE 2/C 20S | 2 | 20 | .62 | 19/32 | 0.068 | 0.020 | 0.201 | 30.1 | TD-004507 |
| RTXE 2/C 18S | 2 | 18 | .96 | 19/30 | 0.077 | 0.020 | 0.220 | 36.4 | TD-003551 |
| RTXE 2/C 16S | 2 | 16 | 1.23 | 19/29 | 0.084 | 0.020 | 0.234 | 41.4 | TD-004846 |
| RTXE 2/C 14S | 2 | 14 | 1.94 | 19/27 | 0.097 | 0.020 | 0.262 | 54.7 | TD-006931 |
| RTXE 2/C 12S | 2 | 12 | 3.08 | 19/25 | 0.115 | 0.020 | 0.298 | 73.5 | TD-010619 |
| RTXE 2/C 10S | 2 | 10 | 4.74 | 27/24 | 0.151 | 0.020 | 0.369 | 127.0 | TD-010771 |

Exane[®] 15: Three Conductor Cable Unshielded

| | | | | | | | | | |
|-------------|---|----|------|-------|-------|-------|-------|-------|-----------|
| RTXE 3/C 22 | 3 | 22 | .38 | 19/34 | 0.060 | 0.020 | 0.177 | 19.1 | |
| RTXE 3/C 20 | 3 | 20 | .62 | 19/32 | 0.068 | 0.020 | 0.194 | 24.9 | TD-005301 |
| RTXE 3/C 18 | 3 | 18 | .96 | 19/30 | 0.077 | 0.020 | 0.210 | 32.1 | TD-010232 |
| RTXE 3/C 16 | 3 | 16 | 1.23 | 19/29 | 0.084 | 0.020 | 0.224 | 38.6 | TD-004181 |
| RTXE 3/C 14 | 3 | 14 | 1.94 | 19/27 | 0.097 | 0.020 | 0.253 | 54.4 | TD-010618 |
| RTXE 3/C 12 | 3 | 12 | 3.08 | 19/25 | 0.115 | 0.020 | 0.293 | 79.1 | TD-005141 |
| RTXE 3/C 10 | 3 | 10 | 4.74 | 27/24 | 0.151 | 0.020 | 0.369 | 130.0 | |

Exane[®] 15: Three Conductor Cable Shielded with Tinned Copper Braid Shield

| | | | | | | | | | |
|--------------|---|----|------|-------|-------|-------|-------|-------|-----------|
| RTXE 3/C 22S | 3 | 22 | .38 | 19/34 | 0.060 | 0.020 | 0.199 | 19.4 | TD-006161 |
| RTXE 3/C 20S | 3 | 20 | .62 | 19/32 | 0.068 | 0.020 | 0.216 | 37.6 | TD-004720 |
| RTXE 3/C 18S | 3 | 18 | .96 | 19/30 | 0.077 | 0.020 | 0.231 | 46.2 | TD-003552 |
| RTXE 3/C 16S | 3 | 16 | 1.23 | 19/29 | 0.084 | 0.020 | 0.246 | 54.0 | TD-006143 |
| RTXE 3/C 14S | 3 | 14 | 1.94 | 19/27 | 0.097 | 0.020 | 0.274 | 70.8 | |
| RTXE 3/C 12S | 3 | 12 | 3.08 | 19/25 | 0.115 | 0.020 | 0.315 | 97.7 | TD-005231 |
| RTXE 3/C 10S | 3 | 10 | 4.74 | 27/24 | 0.151 | 0.020 | 0.391 | 152.0 | |

* Rated 125°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.