



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

### 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<sup>®</sup> 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<sup>®</sup> crosslinked polyolefin

### Scope

Exane<sup>®</sup>-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.

\* Rated 125°C, 130°C overload, 250°C short circuit

\* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

# Exane<sup>®</sup>-15

## Multiconductor Transit Cable

Product Number	Number of Conductors	AWG	(mm <sup>2</sup> )	Stranding	Insulated Conductor OD (Inch)	Jacket Thickness (Inch)	Cable OD (Inch)	Weight LBS/M'	Technical Drawings
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### Exane<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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	

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