

## 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, race-

ways 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.

## Features

- Wide insulated conductor temperature range -55°C to 125°C
- Light weight
- Superior mechanical properties
- Flexible construction
- Flame retardant
- Low smoke
- Excellent fluid/oil resistance
- Moisture and sunlight resistant

## Performance Standards

- Meets all requirements of RSCC Spec. DAC 1168B
- Passes IEEE 1202 Flame Test
- 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

### Shield:

As specified by customer

### Binder Tape:

Non-hygroscopic and non-wicking

### Jacket:

Exane® crosslinked polyolefin

# Exane®-15

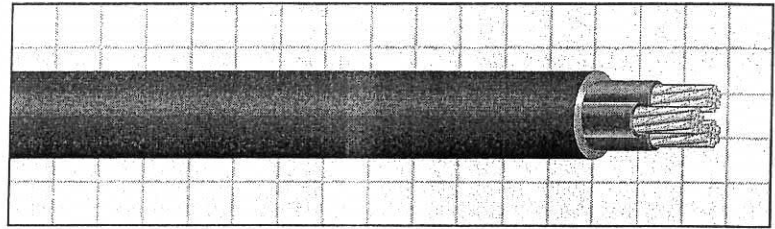
## Multiconductor Transit Cable

Shielded and Unshielded

600 Volt

125°C

Spec. DAC 1168B



### Exane® 15: Two Conductor Cable Unshielded

Product Number	Number of Conductors	AWG	(mm <sup>2</sup> )	Stranding	Insulated Conductor OD (Inch)	Jacket Thickness (Inch)	Cable OD (Inch)	Weight LBS/M'
RTXE 2/C 22	2	22	.38	19/34	0.062	0.020	0.168	14.7
RTXE 2/C 20	2	20	.62	19/32	0.070	0.020	0.184	18.8
RTXE 2/C 18	2	18	.96	19/30	0.077	0.020	0.198	23.8
RTXE 2/C 16	2	16	1.23	19/29	0.084	0.020	0.212	28.3
RTXE 2/C 14	2	14	1.94	19/27	0.097	0.020	0.238	39.1
RTXE 2/C 12	2	12	3.08	19/25	0.116	0.020	0.276	56.1
RTXE 2/C 10	2	10	4.74	27/24	0.153	0.020	0.350	90.0

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

Product Number	Number of Conductors	AWG	(mm <sup>2</sup> )	Stranding	Insulated Conductor OD (Inch)	Jacket Thickness (Inch)	Cable OD (Inch)	Weight LBS/M'
RTXE 2/C 22S	2	22	.38	19/34	0.062	0.020	0.190	16.0
RTXE 2/C 20S	2	20	.62	19/32	0.070	0.020	0.206	30.1
RTXE 2/C 18S	2	18	.96	19/30	0.077	0.020	0.220	36.4
RTXE 2/C 16S	2	16	1.23	19/29	0.084	0.020	0.234	41.4
RTXE 2/C 14S	2	14	1.94	19/27	0.097	0.020	0.260	54.7
RTXE 2/C 12S	2	12	3.08	19/25	0.116	0.020	0.298	73.5
RTXE 2/C 10S	2	10	4.74	27/24	0.153	0.020	0.372	113.0

### Exane® 15: Three Conductor Cable Unshielded

Product Number	Number of Conductors	AWG	(mm <sup>2</sup> )	Stranding	Insulated Conductor OD (Inch)	Jacket Thickness (Inch)	Cable OD (Inch)	Weight LBS/M'
RTXE 3/C 22	3	22	.38	19/34	0.062	0.020	0.177	19.1
RTXE 3/C 20	3	20	.62	19/32	0.070	0.020	0.194	24.9
RTXE 3/C 18	3	18	.96	19/30	0.077	0.020	0.209	32.1
RTXE 3/C 16	3	16	1.23	19/29	0.084	0.020	0.224	38.6
RTXE 3/C 14	3	14	1.94	19/27	0.097	0.020	0.252	54.4
RTXE 3/C 12	3	12	3.08	19/25	0.116	0.020	0.293	79.1
RTXE 3/C 10	3	10	4.74	27/24	0.153	0.020	0.369	130.0

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

Product Number	Number of Conductors	AWG	(mm <sup>2</sup> )	Stranding	Insulated Conductor OD (Inch)	Jacket Thickness (Inch)	Cable OD (Inch)	Weight LBS/M'
RTXE 3/C 22S	3	22	.38	19/34	0.062	0.020	0.199	19.4
RTXE 3/C 20S	3	20	.62	19/32	0.070	0.020	0.216	37.6
RTXE 3/C 18S	3	18	.96	19/30	0.077	0.020	0.231	46.2
RTXE 3/C 16S	3	16	1.23	19/29	0.084	0.020	0.246	54.0
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	0.116	0.020	0.315	97.7
RTXE 3/C 10S	3	10	4.74	27/24	0.153	0.020	0.391	152.0