



Exane®-ZH
 Reduced Diameter
 110°C Low Smoke Zero
 Halogen Transit Wire

600 Volt

Spec. DAA 1116

Scope

This dual layer, high temperature transit wire utilizes a Low Smoke Zero Halogen insulation system offering outstanding performance that makes it suitable for many applications where high density cabling and harnessing are required. In addition to offering size and weight advantages, these wires utilize a low smoke, halogen free insulation system which is flame

retardant, cut-through, abrasion and notch resistant. The insulation system is also resistant to common chemicals and oils. This wire should be considered for transit vehicle interior electronic equipment and other applications where flame retardance and low levels of off-gasing and toxic fumes is required.

Features

- Thermoset insulation
- Excellent mechanical properties
- Flame retardant
- High temperature
- Low smoke
- Zero Halogen
- Light weight
- Excellent fluid, oil, and moisture resistance

Performance Standards

- Meets all requirements of RSCC DAA 1116
- Temperature rating 110°C
- Low temperature rating -55°C
- Passes UL VW-1 Flame Test
- Passes IEEE-383 1974 Vertical Tray Flame Test in bundles

Construction

Conductor

Tin coated copper per ASTM B33, B172, AAR S-501, and AAR RP-585 or IEC 228

Insulation

Dual layer low smoke halogen free polymer

Distributed by

ELECTRO WIRE, INC.

Exane®15-ZH

Reduced Diameter 110°C

Low Smoke Zero Halogen

Transit Wire

600 Volt

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Exane®15-ZH Metric Strand: Single Conductor

Product Number	Conductor Size (mm ²)	Approx. AWG	Stranding No. of Strands x Strand (mm)	Nom. Strand Diameter (mm)	Insulation Thickness (mm)	Nominal OD. (mm)	Weight kg/km
ZTXE-.38-600V(M)	.38	22	19 x 0.16	0.80	0.38	1.18	5.30
ZTXE-.60-600V(M)	.60	20	19 x 0.20	1.00	0.38	1.76	7.56
ZTXE-.93-600V(M)	.93	18	19 x 0.25	1.25	0.38	2.01	10.90
ZTXE-1.34-600V(M)	1.34	16	19 x 0.30	1.50	0.38	2.26	15.02
ZTXE-1.82-600V(M)	1.82	14	37 x 0.25	1.75	0.38	2.51	19.75
ZTXE-2.61-600V(M)	2.61	12	37 x 0.30	2.10	0.38	2.86	27.29
ZTXE-4.32-600V(M)	4.32	10	61 x 0.30	2.70	0.38	3.46	43.50

Exane®15-ZH: Single Conductor - United States Construction

Product Number	Conductor Size (AWG)	(mm ²)	Stranding	Max. Strand Diameter (Inch)	Insulation Thickness (Inch)	Nominal OD. (Inch)	Weight LBS/M'
ZTXE-22-600V	22	.38	19/34	0.032	0.015	0.062	3.56
ZTXE-20-600V	20	.62	19/32	0.040	0.015	0.070	5.10
ZTXE-18-600V	18	.96	19/30	0.047	0.015	0.077	7.32
ZTXE-16-600V	16	1.23	19/29	0.054	0.015	0.084	10.10
ZTXE-14-600V	14	1.94	19/27	0.067	0.015	0.097	13.27
ZTXE-12-600V	12	3.08	19/25	0.086	0.015	0.116	18.34
ZTXE-10-600V	10	4.74	27/24	0.123	0.015	0.153	29.30