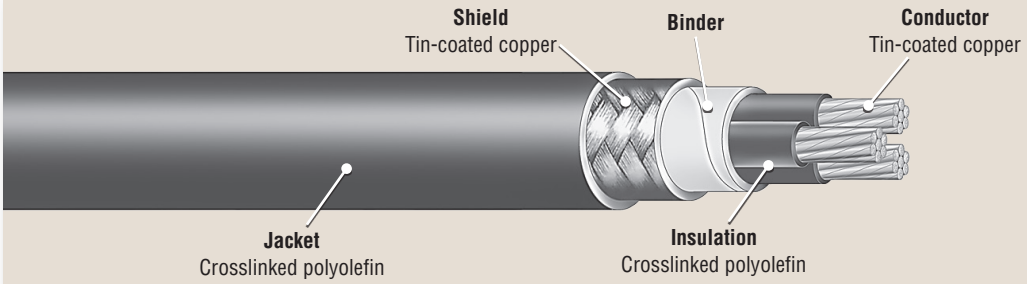
Exane®-Transit
Multi-Conductor Cable



110°C*
Multi-Conductor
600 Volt
AAR S-501/RP-585
XLPO Insulation and Jacket

Scope

Exane® multiconductor transit cables are a rugged, flame retardant construction. They are suitable for installation indoors or outdoors in metals trays, conduit, underground duct, or for direct burial. The cables have excellent flexibility and resist crush, low temperature cracking, moisture and petrochemical fluids. The Exane® thermoset insulation system provides a conductor component with superior cut-through, abrasion resistance and electrical overload characteristics.

Features

- Wide temperature range –55°C to 110°C*
- Thermoset Insulation and jacket
- Superior mechanical properties
- Flexible construction
- Flame retardant
- Excellent fluid/oil resistance
- Moisture and sunlight resistant
- Employs Exane 1068A insulated conductors

Performance Standards

- AAR S-501
- AAR RP-585
- ICEA S-66-524 (5-95-658)
- Passes the spread of fire and smoke emission in accordance with NFPA 130-2010 article 8.6.7.1.1 FT4/IEEE 1202 with smoke per UL1685
- Passes UL VW-1 flame test
- Passes IEEE-383 1974 vertical tray flame test
- Meets requirements of 49 CFR Part 238 for flame and smoke requirements
- Meets transit toxicity requirements when tested in accordance with BSS 7239
- Meets transit smoke requirements when tested in accordance with ASTM E662

Construction

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

Insulation: Crosslinked polyolefin, Exane®

Colors: As required

Binder: Polyester tape

Shields: Tin copper braid (optional)

Jacket: Cross-linked polyolefin Exane® Jacket

* RSCC rated 110°C

RSCC World Class Engineered Cable

Marmon Engineered Wire & Cable LLC
A Berkshire Hathaway Company

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Product Code	Number of Conductors	Size AWG	Stranding	Insulated Conductor OD (Inch)	Jacket Thickness (Inch)	Cable OD (Inch)	Weight (lbs. per 1000 ft.)	Technical Drawing
Exane: Two conductors shielded (TC braid) with Exane Jacket								
TXE 2/C 18S(Exane)	2	18	19/30	0.109	0.045	0.339	67	TD-002603
TXE 2/C 16S(Exane)	2	16	19/29	0.116	0.045	0.353	74	TD-002604
TXE 2/C 14S (Exane)	2	14	19/27	0.129	0.045	0.370	88	TD-008751
TXE 2/C 12S (Exane)	2	12	19/25	0.147	0.045	0.410	116	TD-003086
Exane: Three conductors shielded (TC braid) with Exane Jacket								
TXE 3/C 18S (Exane)	3	18	19/30	0.109	0.045	0.346	81	TD-002605
TXE 3/C 16S (Exane)	3	16	19/29	0.116	0.045	0.371	92	TD-002606
TXE 3/C 14S (Exane)	3	14	19/27	0.129	0.045	0.400	120	
TXE 3/C 12S (Exane)	3	12	19/25	0.147	0.045	0.438	145	
Exane: Four conductors shielded (TC braid) with Exane Jacket								
TXE 4/C 18S (Exane)	4	18	19/30	0.109	0.045	0.374	92	TD-003085
TXE 4/C 16S (Exane)	4	16	19/29	0.116	0.045	0.402	109	TD-002607
TXE 4/C 14S (Exane)	4	14	19/27	0.129	0.045	0.427	130	TD-008673
TXE 4/C 12S (Exane)	4	12	19/25	0.147	0.045	0.480	187	TD-003801
Exane: Two conductors non-shielded with Exane Jacket								
TXE 2/C 18 (Exane)	2	18	19/30	0.109	0.045	0.315	50	TD-006377
TXE 2/C 16 (Exane)	2	16	19/29	0.116	0.045	0.331	59	TD-005309
TXE 2/C 14 (Exane)	2	14	19/27	0.129	0.045	0.351	68	
TXE 2/C 12 (Exane)	2	12	19/25	0.147	0.045	0.395	100	
Exane: Three conductors non-shielded with Exane Jacket								
TXE 3/C 18 (Exane)	3	18	19/30	0.109	0.045	0.330	70	TD-006512
TXE 3/C 16 (Exane)	3	16	19/29	0.116	0.045	0.340	73	TD-004426
TXE 3/C 14 (Exane)	3	14	19/27	0.129	0.045	0.371	86	
TXE 3/C 12 (Exane)	3	12	19/25	0.147	0.045	0.410	115	
Exane: Four conductors non-shielded with Exane Jacket								
TXE 4/C 18 (Exane)	4	18	19/30	0.109	0.045	0.362	74	
TXE 4/C 16 (Exane)	4	16	19/29	0.116	0.045	0.375	90	TD-005279
TXE 4/C 14 (Exane)	4	14	19/27	0.129	0.045	0.427	130	
TXE 4/C 12 (Exane)	4	12	19/25	0.147	0.045	0.453	145	

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