

Product Data Sheet

Rapid Transit



Product Description

Thermoset polyolefin insulation

Single stranded conductor

UL VW-1, IEEE 383

Applications

Internal wiring for rapid transit cars and heavy and light rail cars. Also used in diesel electric locomotives, wayside equipment and offroad vehicles.

Specifications

- CONDUCTOR: Tinned, stranded copper
- INSULATION: Polyolefin (radiation Cross-Linked)
- STANDARDS: Passes VW-1 vertical flame test UL Standard 44, ICEA S-95-658 (NEMA WC70)
- TEMPERATURE: 110°C for car wiring, 125°C for locomotive cable
- VOLTAGE: 2,000 V

Product Data Sheet

Part No.	Conductor Size AWG	No. of Strands	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor 110 °C	Amps per Conductor 125 °C
2XT-1801	18	19	0.045	0.052	0.150	17	30	32
2XT-1601	16	19	0.045	0.060	0.160	19	35	38
2XT-1401	14	19	0.045	0.070	0.175	25	41	44
2XT-1201	12	19	0.045	0.090	0.195	34	52	56
2XT-1001	10	27	0.045	0.123	0.230	52	73	79
2XT-0601	6	61	0.055	0.180	0.330	113	120	130
2XT-0501	5	91	0.055	0.220	0.365	153	160	173
2XT-0401	4	105	0.055	0.240	0.345	174	168	181
2XT-0301	3	125	0.055	0.260	0.410	204	199	215
2XT-0201	2	150	0.055	0.325	0.450	235	214	231
2XT-0101	1	225	0.065	0.390	0.535	363	268	289
2XT-1011	1/0	275	0.065	0.420	0.585	435	304	328
2XT-2021	2/0	325	0.065	0.460	0.630	489	338	364
2XT-3031	3/0	450	0.065	0.565	0.715	673	414	446
2XT-4041	4/0	550	0.065	0.590	0.770	815	472	509
2XT-2621	262	650	0.075	0.660	0.835	975	524	565
2XT-3131	313	775	0.075	0.740	0.900	1,164	590	636
2XT-3731	373	925	0.075	0.790	0.980	1,349	657	708
2XT-4441	444	1,100	0.075	0.870	1.045	1,630	734	791
2XT-5351	535	1,325	0.090	0.970	1.175	2,018	828	893
2XT-6461	646	1,600	0.090	1.060	1.265	2,311	931	1,004
2XT-7771	777	1,925	0.090	1.120	1.345	2,777	1,047	1,129
2XT-9291	929	2,300	0.090	1.230	1.455	3,443	1,168	1,259
2XT-11111	111	2,750	0.110	1.370	1.625	3,980	1,254	1,352