

Product Data Sheet

PVC-Nylon/Neoprene



Product Description

Flexible strand
PVC-nylon insulation
Neoprene jacket
90°C, 600 V

Applications

Used as tray cable where extra flexibility and confined space requirements are involved in the installation.

Specifications

- CONDUCTORS: Bare, annealed copper per ASTM B-3, Class C stranded per ASTM B-8
- INSULATION: Polyvinyl Chloride (PVC) with .004 in. extruded nylon overall
- COLOR CODE: ICEA Method 1, Table E-2 (formerly K-2)
- ASSEMBLY: Insulated conductors are cabled with fillers where necessary to make round, a binder tape is applied overall
- OVERALL JACKET: Polychloroprene (Neoprene)
- STANDARDS: Individual conductors meet the UL requirements for Type TFFN (18-16 AWG) or Type THHN/THWN (14-12 AWG), cables meet the UL 70,000 Btu and the ICEA T-29-520 210,000 Btu flame tests, finished cable meets the UL requirements for Type TC cable
- AMPACITY: Based on not more than three conductors in raceway or cable or earth with an ambient temperature of 30°C per NEC Table 310.16, the values have been derated where applicable
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

Diameters and weights may vary among manufacturers. Other conductor counts available upon request. Unless otherwise specifically permitted in the NEC, the overcurrent protection shall not exceed 15 A for 14 AWG and 20 A for 12 AWG. All part numbers require a color code designation. See Color Code Chart in the Technical Information section. For Method 1, Table E-1 color code add -1 to Part No. (e.g. 2ZN-1802-1).

Product Data Sheet

Part No.	Conductor Size AWG	No. of Strands	No. of Conductors	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
2ZN-1802	18	19	2	0.020	0.045	0.275	41	14
2ZN-1803	18	19	3	0.020	0.045	0.290	50	14
2ZN-1804	18	19	4	0.020	0.045	0.310	58	11
2ZN-1805	18	19	5	0.020	0.045	0.335	69	11
2ZN-1807	18	19	7	0.020	0.045	0.365	88	11
2ZN-1809	18	19	9	0.020	0.045	0.420	112	9
2ZN-1812	18	19	12	0.020	0.045	0.465	137	7
2ZN-1815	18	19	15	0.020	0.045	0.515	168	7
2ZN-1819	18	19	19	0.020	0.060	0.570	218	7
2ZN-1825	18	19	25	0.020	0.060	0.660	270	6
2ZN-1830	18	19	30	0.020	0.060	0.695	321	6
2ZN-1837	18	19	37	0.020	0.060	0.745	382	5
2ZN-1602	16	19	2	0.020	0.045	0.300	52	18
2ZN-1603	16	19	3	0.020	0.045	0.315	63	18
2ZN-1604	16	19	4	0.020	0.045	0.345	79	14
2ZN-1605	16	19	5	0.020	0.045	0.370	91	14
2ZN-1607	16	19	7	0.020	0.045	0.400	115	12
2ZN-1609	16	19	9	0.020	0.045	0.465	147	12
2ZN-1612	16	19	12	0.020	0.045	0.520	186	9
2ZN-1615	16	19	15	0.020	0.045	0.605	245	9
2ZN-1619	16	19	19	0.020	0.060	0.635	294	9
2ZN-1625	16	19	25	0.020	0.060	0.735	318	8
2ZN-1630	16	19	30	0.020	0.060	0.780	430	8
2ZN-1637	16	19	37	0.020	0.080	0.880	564	7
2ZN-1402	14	19	2	0.020	0.045	0.330	66	25
2ZN-1403	14	19	3	0.020	0.045	0.350	85	25
2ZN-1404	14	19	4	0.020	0.045	0.380	105	20
2ZN-1405	14	19	5	0.020	0.045	0.415	124	20
2ZN-1407	14	19	7	0.020	0.045	0.445	158	17
2ZN-1409	14	19	9	0.020	0.060	0.550	220	17
2ZN-1412	14	19	12	0.020	0.060	0.615	278	12
2ZN-1415	14	19	15	0.020	0.060	0.675	334	12
2ZN-1419	14	19	19	0.020	0.060	0.710	407	12
2ZN-1425	14	19	25	0.020	0.080	0.870	553	11
2ZN-1430	14	19	30	0.020	0.080	0.920	657	11
2ZN-1437	14	19	37	0.020	0.080	0.985	784	10
2ZN-1202	12	19	2	0.020	0.045	0.370	89	30
2ZN-1203	12	19	3	0.020	0.045	0.390	115	30
2ZN-1204	12	19	4	0.020	0.045	0.425	145	24
2ZN-1205	12	19	5	0.020	0.045	0.460	170	24
2ZN-1207	12	19	7	0.020	0.045	0.505	239	21
2ZN-1209	12	19	9	0.020	0.060	0.620	308	21
2ZN-1212	12	19	12	0.020	0.060	0.690	389	15
2ZN-1215	12	19	15	0.020	0.060	0.765	474	15
2ZN-1219	12	19	19	0.020	0.060	0.805	581	15
2ZN-1225	12	19	25	0.020	0.080	0.980	785	13
2ZN-1230	12	19	30	0.020	0.080	1.040	935	13
2ZN-1237	12	19	37	0.020	0.080	1.120	1,126	12