

Product Description

PVC-nylon insulation
 PVC jacket
 90°C, 600 V

Applications

Designed for power and control, telemetering, relay control, traffic control, switching, lighting and signal transmission. May be used in Class I, Div. 2 and Class II, Div. 2 Hazardous Locations per NEC Art. 501 and 502. These cables also conform to Art. 392 "Cable Trays" and Art 336 "Power and Control Tray Cable."

Specifications

- CONDUCTORS: Class B stranded bare copper per UL 83 and 62
- INSULATION: Polyvinyl Chloride (PVC) per UL 62 for Type TFFN (18-16 AWG) or UL 83 for Type THWN or THHN wire, nominal thickness is 15 mils for sizes 18- 12 AWG and 20 mils for 10 AWG
- INSULATION JACKET: Each insulated conductor is jacketed with nylon meeting UL 62 for Type TFFN or UL 83 for Type THWN or THHN wire, minimum thickness is 4 mils
- COLOR CODE: ICEA Method 1, Table E-2 (formerly K-2)
- ASSEMBLY: Conductors are cabled with fillers where necessary to make round, two conductor cables are flat
- OVERALL JACKET: Sunlight-resistant Polyvinyl Chloride (PVC) per UL 1277
- STANDARDS: Meets UL 1277 requirements for Type TC cables having THWN or THHN (TFFN) conductors, cables are listed for direct burial and meet the IEEE 1202, IEEE 383 and UL 1685 Btu/hr flame tests. Three conductor and larger constructions meet UL 1277 requirements for Exposed Runs and are rated Type TC- ER (Tray Cable, Exposed Runs)
- 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

Product Photo



Conductor Size AWG	No. of Conductors	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor	Part No.	Conductor Size AWG	No. of Conductors	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
18	2	0.045	0.184 x 0.275	41	14	2A-1437	14	37	0.08	0.968	794	10
18	3	0.045	0.288	50	14	2A-1202	12	2	0.045	0.227 x 0.361	83	30
18	4	0.045	0.312	60	11	2A-1203	12	3	0.045	0.381	113	30
18	5	0.045	0.338	71	11	2A-1204	12	4	0.045	0.415	145	24
18	7	0.045	0.376	89	9	2A-1205	12	5	0.045	0.454	175	24
18	10	0.045	0.438	121	9	2A-1206	12	6	0.045	0.495	199	24
18	12	0.045	0.461	156	7	2A-1207	12	7	0.045	0.495	223	21
18	15	0.045	0.507	169	7	2A-1208	12	8	0.045	0.566	268	21
18	19	0.06	0.578	220	7	2A-1209	12	9	0.06	0.606	304	21
18	37	0.06	0.76	390	7	2A-1212	12	12	0.06	0.665	388	15
16	2	0.045	0.202 x 0.330	49	18	2A-1219	12	19	0.06	0.793	581	15
16	3	0.045	0.312	66	18	2A-1220	12	20	0.06	0.817	647	15
16	4	0.045	0.333	79	14	2A-1225	12	25	0.08	0.951	779	13
16	5	0.045	0.368	94	14	2A-1230	12	30	0.08	1.02	888	13
16	6	0.045	0.399	109	14	2A-1237	12	37	0.08	1.101	1,134	12
16	7	0.045	0.399	118	12	2A-1002	10	2	0.045	0.282 x 0.431	115	40
16	8	0.045	0.43	133	12	2A-1003	10	3	0.045	0.456	167	40
16	9	0.045	0.461	147	12	2A-1004	10	4	0.045	0.5	212	32
16	12	0.045	0.505	178	9	2A-1005	10	5	0.06	0.579	269	32
16	15	0.06	0.587	243	9	2A-1007	10	7	0.06	0.63	352	28
16	19	0.06	0.633	296	9	2A-1009	10	9	0.06	0.733	445	28
16	25	0.06	0.723	376	8	2A-1012	10	12	0.06	0.807	579	20
16	30	0.06	0.775	456	8							
16	37	0.06	0.877	580	7							
14	2	0.045	0.208 x 0.323	64	25							
14	3	0.045	0.34	87	25							
14	4	0.045	0.37	107	20							
14	5	0.045	0.403	129	20							
14	6	0.045	0.438	147	20							
14	7	0.045	0.438	162	17							
14	8	0.045	0.473	184	17							
14	9	0.045	0.508	221	17							
14	10	0.06	0.56	237	12							
14	12	0.06	0.588	281	12							
14	15	0.06	0.646	340	12							
14	19	0.06	0.698	408	12							
14	25	0.06	0.791	520	11							
14	30	0.08	0.899	666	11							



425-641-7275

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Title

10 AWG - 2 Conductor- 600V - Stranded
 Conductor- Unshielded- VNTC Tray Cable

Part Number

VUPN943

Notes

1. Unless otherwise specified all dimensions are nominal
2. All specifications are subject to change without notice at any time
3. Dimensions are in millimeters