

PE/PVC Insulation with Overall PVC Jacket

**14 - 9 AWG • 600 VOLTS
75°C WET AND DRY**

PART NUMBER	SIZE, NUMBER OF CONDS.	APPROX. DIMENSIONS JACKET	APPROX. DIMENSIONS OUTSIDE DIAMETER	APPROX. WEIGHT 1000 FT. (POUNDS)
02-0751	14/5	45	.455	123
02-0752	14/7	45	.495	165
02-0753	14/9	60	.610	233
02-0754	14/12	60	.665	299
02-0755	14/19	60	.800	431
02-0756	12/2 FL	45	.246 x .399	81
02-0757	12/3	45	.425	120
02-0758	12/4	45	.465	148
02-0759	12/5	45	.510	172
02-0760	12/7	60	.585	248
02-0761	12/9	60	.675	319
02-0762	12/12	60	.745	410
02-0763	10/2 FL	45	.275 x .455	111
02-0764	10/3	45	.485	172
02-0765	10/4	60	.565	234
02-0766	10/5	60	.615	273
02-0767	10/7	60	.670	350
02-0768	10/9	60	.780	454
02-0769	10/12	80	.900	618
02-0770	9/2 FL	45	.285 x .480	129
02-0771	9/4	60	.590	278
02-0772	9/7	60	.705	401

Scope

This specification covers multiconductor cables having polyethylene/polyvinyl chloride (PE/PVC) insulated conductors with an overall polyvinyl chloride (PVC) jacket, conforming to ICEA Publication S-73-532, NEMA WC-57. Rated 600 volts, 75°C wet or dry.

Applications

For use in trays, wireways, troughs, channels, ducts, conduit, open air, direct burial. Designed for control, power, lighting, telemetering, signal and relay applications in industrial plants and utilities.

CONSTRUCTION:

Conductors

Bare, soft annealed copper per ASTM B-3
Concentric stranded, class B (7 strands) 14, 12 & 10
Size 9 AWG 19 strands ASTM B-8

Insulation

High dielectric polyethylene: ICEA S-73-532 Part 3
Thickness: ICEA S-73-532 Part 3

Insulation Jacket

Polyvinyl chloride: ICEA S-73-532 Part 3
Thickness: ICEA S-73-532 Part 3

Cabling

Three or more conductors are assembled round with fillers as needed. Two conductors are assembled flat parallel (round with fillers as needed, is available upon request).

Overall Jacket

Polyvinyl chloride (black): ICEA S-73-532 Part 4
Thickness: Specified herein

Color Coding

ICEA Method 1 Table K-1

Cable Identification

Indent print on jacket

"(size) AWG No. of Conds. 20/10 PE/PVC Control Cable 600V"

Construction Options

Consult factory for cable specifications requiring pairs, triads, or quads and shields of aluminum/mylar, braid, copper tape, and corrugated copper tape.

CONDUCTOR DATA

AWG SIZE	STRANDS NO./O.D. INCHES	PE INSULATION INCHES	PVC JACKET INCHES	APPROX. O.D. INCHES
14	7/.0242	.020	.010	.134
12	7/.0305	.020	.010	.153
10	7/.0385	.020	.010	.180
9	19/.025	.020	.010	.191

The data listed above is approximate and subject to normal manufacturing tolerances. Specifications are subject to change without notice.

