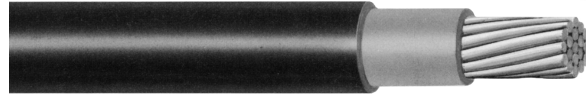


DESCRIPTION:

- Copper conductor
- EPR/CPE composite
- RHH, RHW-2, USE-2, VW1
- Cable Tray
- Direct Burial
- Sunlight Resistant



PWC Catalog #	Size	Number of Strands	Composite Insulation Thickness	Approx. O.D.		Approx. Net Weight lbs./Mft.	NEC Ampacity+	
	AWG or kcmil		mils	inch	90°C Wet (1)		75°C Wet (1)	
03-0205	14	1	45	0.16	23	15	15	
03-0206	14	7	45	0.17	25	15	15	
03-0207	12	1	45	0.18	32	20	20	
03-0208	12	7	45	0.19	34	20	20	
03-0209	10	1	45	0.20	46	30	30	
03-0210	10	7	45	0.21	49	30	30	
03-0211	9	19	45	0.23	58	30	30	
03-0212	8	7	60	0.27	77	55	50	
03-0213	6	7	75	0.34	122	75	65	
03-0214	4	7	75	0.39	178	95	85	
03-0215	2	7	75	0.45	264	130	115	
03-0216	1	19	100	0.54	350	150	130	
03-0217	1/0	19	100	0.58	426	170	150	
03-0218	2/0	19	100	0.62	520	195	175	
03-0219	3/0	19	100	0.67	638	225	200	
03-0220	4/0	19	100	0.73	785	260	230	
03-0221	250	37	130	0.84	963	290	255	
03-0222	350	37	130	0.94	1299	350	310	
03-0223	500	37	130	1.07	1796	430	380	
03-0224	750	61	145	1.28	2649	535	475	
03-0225	1000	61	145	1.43	3461	615	545	

+ (1) Ampacities are based on Table 310-16 of the National Electrical Code for these 90°C rated conductors at an ambient temperature of 30°C. The 75°C wet column is provided for additional information.

The ampacities shown apply to open runs of cable, installation in any approved raceway, direct burial in the earth, or as aerial cable on a messenger. Derating for more than three current carrying conductors within a raceway is in accordance with Note 8 to NEC Tables 310-16 through 310-19.

The ampacities shown also apply to cables installed in cable tray in accordance with NEC Section 318-11.

600V CABLE CONSTRUCTION

Conductor	The conductor shall be uncoated copper Class B stranded per ASTM B-8; solid per ASTM B-3.
Insulation	The insulation meets or exceeds all requirements of ICEA S-68-516, NEMA WC-8 and UL Standards 44 and 854.

APPLICATIONS:

- Cable trays
- Raceways
- Underground ducts
- Wet or dry locations
- Indoors or outdoors
- Direct Burial
- Aerial installation when lashed to a messenger

These 600 Volt Power and Control Cables are recommended for use in all low voltage circuits where continuity of service is the prime consideration. These cables may also be installed in cable tray (size 1/0 AWG and larger per NEC 318-3).

SCOPE:

Cable sizes 1/0 AWG and larger pass the Vertical Tray Flame Test requirements of UL 1581 for use in cable tray. This cable passes the ICEA T-29-520 210,000 Btu/hr. Vertical Tray Flame Test (sizes 1/0 AWG and larger), and also passes the IEEE 383-1974 Vertical Tray Flame Test and IEEE 1202-1991 Vertical Tray Flame Test (sizes 1/0 AWG and larger). This cable has extreme heat resistance; 90°C continuous rating, wet or dry, 110°C hot spot rating, 130°C emergency overload rating and 250°C short circuit rating; UL listed.

SPECIFICATIONS:

Type RHH or RHW-2 or USE-2, VW-1. Sizes 1/0 AWG and larger are also marked "sunlight resistant, for use in cable tray".

