

**0.6kv 1kv XLPE RW90 cable** As an important industrial wiring wire, irradiated cross-linked polyethylene is used as the sheath. For exposed wiring in wet locations, or exposed to weather. For use in raceways, except cable trays, in wet locations. For use in ventilated and non-ventilated cable trays, in vaults and switch rooms.

**0.6kv 1kv XLPE RW90 cable** structure



- 1, Strand Bare (ASTM B8) Annealed Copper Conductors,
- 2, XLPE (RW90 Rated) Insulated Conductor

**0.6kv 1kv XLPE RW90 cable** data

Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Nominal Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* 90°C Wet/Dry
14	7	30	0.133	18	35†
12	7	30	0.152	27	40†
10	7	30	0.175	39	55†
8	7	45	0.233	64	80
6	7	45	0.271	97	105
4	7	45	0.320	149	140
3	7	45	0.344	185	165
2	7	45	0.374	230	190
1	19	55	0.426	291	220
1/0	19	55	0.467	366	260
2/0	19	55	0.512	456	300
3/0	19	55	0.560	569	350
4/0	19	55	0.619	711	405
250	37	65	0.702	835	455
300	37	65	0.759	996	500
350	37	65	0.806	1,155	570
400	37	65	0.851	1,314	615
500	37	65	0.926	1,631	700
600	61	80	1.047	1,967	780
750	61	80	1.145	2,441	885
1000	61	80	1.320	3,233	1,055

### **0.6kv 1kv XLPE RW90 cable** application

- Civil Construction Projects
- Commercial Construction Projects
- Industrial
- Industrial Construction/Automation
- Utility

**0.6kv 1kv XLPE RW90 cable** Suitable for use in general purpose wiring applications and may be installed in raceway, conduit, direct burial, and aerial installations where a cable having superior flame retardance is required. Suitable for use in 105°C dry systems.