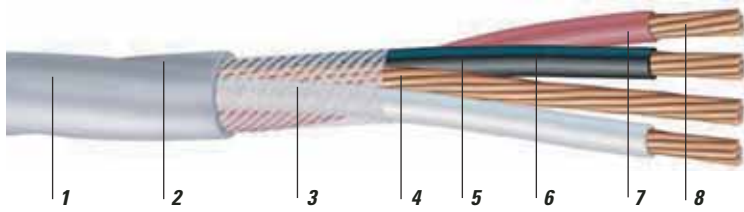




UNITED COPPER INDUSTRIES
COPPER BUILDING WIRE & CABLE PRODUCTS

SE CABLE



**Type SE Cable Style R THHN or THWN
CDRS 600 volts**

Applications

For above ground electrical service use from the electric utility power service point to the meter or service entrance panel. Under special conditions as permitted, the NEC Type SE Style R can be used for interior wiring as branch circuits to ranges, ovens, cooking units or clothes dryers. This cable is manufactured in accordance with Article 338 of the NEC and meets the requirements of Underwriters Laboratories Standard 854. Type SE Style R is approved for installation in accordance with Article 230 of the NEC and has a voltage rating of 600 volts.

Features

1. SURFACE MARKING

The jacket surface is ink printed "TYPE SE CABLE STYLE R THHN OR THWN CDRS 600 VOLTS E73061 3 CDRS (SIZE) CU 1 CDR (SIZE) CU (UL)."

2. OVERALL JACKET

Extruded protective grey PVC jacket over the taped assembly in accordance with UL Standard 854.

3. ASSEMBLY

Conductors are twisted together with the bare copper grounding conductor in one interstice. A fiberglass reinforced tape is applied over the cabled core.

4. GROUNDING CONDUCTOR

Bare soft copper grounding conductor per ASTM B 3, and Class B concentrically stranded per ASTM B 8.

5. CIRCUIT IDENTIFICATION

One conductor black, one conductor white, and one conductor red (or black with a red stripe).

6. CONDUCTOR JACKET

Clear nylon sheath meeting the requirements of UL 83 for THHN or THWN.

7. INSULATION

High dielectric strength, heat and moisture resistant black or colored polyvinylchloride (PVC) rated for continuous use at 90°C dry; 75°C wet meeting the requirements of UL 83 for THHN or THWN wire.

8. CONDUCTORS

Bare soft copper per ASTM B 3, Class B concentrically stranded per ASTM B 8.

Part Number	Power Conductor AWG (Stranding)	Grounding Conductor AWG (Stranding)	Ampacity 1	Ampacity 2	Nominal Cable O.D.in (mm)	Package NR Reels feet	Approximate Cable Weight Lbs/Mft (Kg/Km)
378211	6 (7/0612)	6 (7/0612)	75	—	.665 (16.8)	500	432 (643)
378216	4 (7/0772)	6 (7/0612)	95	100	.830 (21.1)	500	601 (894)
378226	3 (7/0867)	5 (7/0688)	110	110	.895 (22.7)	500	737 (1097)
378236	2 (7/0974)	4 (7/0772)	130	125	.970 (24.6)	500	911 (1356)
378246	1 (19/0664)	3 (7/0867)	150	150	1.100 (27.9)	500	1151 (1713)
378256	1/0 (19/0745)	2 (7/0974)	170	175	1.200 (30.5)	500	1417 (2108)
378266	2/0 (19/0837)	1 (19/0664)	195	200	1.310 (33.3)	500	1768 (2631)
378276	3/0 (19/0940)	1/0 (19/0745)	225	225	1.430 (10.9)	500	2186 (3253)
378286	4/0 (19/1055)	2/0 (19/0837)	260	250	1.610 (40.9)	500	2729 (4061)

Ampacity 1 – Based upon 2002 National Electrical Code, 90°C Dry Rating Copper Conductor.
Ampacity 2 – Three Wire, Single-Phase Dwelling Services

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.

Ratings

UL Standard 854
UL Standard 83
National Electrical Code Articles 338 & 230



REVISED 02.09.06