



## Engineering Specifications:



### Standards:

Underwriters Laboratories UL-854, UL-83  
National Electrical Code Articles 338 & 230

### Construction:

#### Conductors:

7-strand: Class B concentrically stranded per ASTM-B8  
19-strand: Combination unilay stranded conductors per ASTM-B787

#### Insulation:

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

#### Conductor Jacket:

Clear Nylon sheath meeting the requirements of UL-83 for THHN or THWN

#### Ground/Neutral Conductor:

Bare, soft-drawn grounding conductor per ASTM-B3, ASTM-B8, or ASTM-B787

#### 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 circuit to ranges, ovens, cooking units, or clothes dryers. This cable is manufactured in accordance with Article 338 of the NEC and 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 rating of 600 volts.

#### Assembly:

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

#### Overall Jacket:

Extruded, protective gray PVC jacket over the taped assembly in accordance with UL Standard 854

Insulated Conductor Size (AWG)	Insulated Conductor Stranding	Bare Grounding/ Neutral Conductor Size (AWG) Stranding	Outside Dimensions (inches)	Allowable Ampacity* (Amps)		Approx. Net Weight (lbs./1000 ft.)	Standard Packaging Reels (feet)
				1	2		
6-6-6	7	6-7	.665	75	-	432	500/1000
4-4-4	7	6-7	.830	95	100	601	150/500/1000
3-3-3	7	5-7	.895	110	110	737	500/1000
2-2-2	7	4-7	.970	130	125	911	500/1000
1-1-1	19	3-7	1.100	150	150	1151	500/1000
1/0-1/0-1/0	19	2-7	1.200	170	175	1417	500/1000
2/0-2/0-2/0	19	1-19	1.310	195	200	1768	500/1000
3/0-3/0-3/0	19	1/0-19	1.430	225	225	2186	500/1000
4/0-4/0-4/0	19	2/0-19	1.610	260	250	2729	500/1000

\*Allowable Ampacity: 1-Based upon the National Electrical Code, 90°C Dry Rating  
2-Three-Wire, Single-Phase Dwelling Services

The above data is approximate and subject to normal manufacturing tolerances.

#### PRINT LEGEND:

CONDUCTOR SIZES 6 AWG THROUGH 4/0 AWG STRANDED:

E174428 TYPE SE STYLE R THHN OR THWN CDRS 600 VOLTS 3 CDRS (SIZE) CU 1 CDR (SIZE) CU (UL) DATE/TIME/OPER/QC