



APPLICATIONS

Used for secondary distribution and underground service at 600 volts, either direct burial or in ducts. Maximum conductor operating temperature 90°C. Meets CSA FT-1

SPECIFICATIONS

Southwire's USEI-90 cable meets or exceeds CSA C22.2 No. 52-09.

CONSTRUCTION

- Phase Conductors: Full Compact – 1350-H16/H26 Aluminum
- Insulation: Crosslinked Polyethylene Insulation (XLPE)
- Jacket: Polyvinyl Chloride (PVC)
- Assembly: 2 Phase Conductors Cabled with 1 Neutral Conductor
- Phase ID: Colored Coded (Phases: Red and Black; Neutral: White)

Stock Number	Phase Conductors				Neutral Conductor				Overall Diameter (mm)	Nominal Weight (kg/km)	Current ¹ Rating (Amps)
	Size (AWG) - Stranding	Insulation Thickness (mm)	Jacket Thickness (mm)	Diameter (mm)	Size (AWG) - Stranding	Insulation Thickness (mm)	Jacket Thickness (mm)	Diameter (mm)			
Reduced Neutral Constructions											
61-62-28	2 - 6	1.14	0.76	10.62	4 - 7	1.14	0.76	9.22	22.93	425	95
61-67-12	1/0 - 10	1.40	1.14	13.61	2 - 6	1.14	0.76	10.62	29.41	672	120
61-62-30	4/0 - 19	1.40	1.14	17.15	2/0 - 12	1.40	1.14	14.63	37.03	1188	185
Full Neutral Constructions											
61-62-29	2 - 6	1.14	0.76	10.62	2 - 6	1.14	0.76	10.62	22.93	470	95
61-85-42	1/0 - 10	1.40	1.14	13.61	1/0 - 10	1.40	1.14	13.61	29.41	773	120
61-59-05	3/0 - 16	1.40	1.14	15.82	3/0 - 16	1.40	1.14	15.82	34.19	1100	165
61-62-31	4/0 - 19	1.40	1.14	17.15	4/0 - 19	1.40	1.14	17.15	37.03	1323	185
61-59-08	250 - 37	1.65	1.65	19.81	250 - 37	1.65	1.65	19.81	42.80	1698	215
¹ Current ratings are based on Canadian Electrical Code, Part 1, Table 4, for not more than 3 conductors in raceway or cable, 85°C to 90°C conductor temperature, 30°C ambient temperature.											