

# Service Entrance & Feeder Cable — SE, SEU, SER, URD

600V · 75°C / 90°C | Aluminum & Copper | Utility Service Entrance & Residential Feeder

## PRODUCT OVERVIEW

Mirabel Energy USA service entrance and feeder cables provide the utility-to-building power delivery conductors for residential, commercial, and light industrial applications. Type SE (Service Entrance) cable is used for above-ground service entrance wiring from the utility weatherhead or meter socket into the main distribution panel. Type SEU (Service Entrance Unarmored) provides a pre-assembled multi-conductor service entrance assembly with concentric neutral. Type SER (Service Entrance Round) is the round-construction variant for panel feeder and range/dryer circuit applications inside the home. URD (Underground Residential Distribution) cable extends service underground from the utility transformer to the meter base with a concentric neutral construction for combined neutral and fault return function. Available in aluminum (standard for large service conductors) and copper in sizes from #8 AWG through 1000 kcmil.

<b>600V</b> Voltage Rating	<b>75°C / 90°C</b> Temperature Rating	<b>Al or Cu</b> Conductor	<b>UL 854 Listed</b> Standard
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## APPLICATIONS

- Residential and commercial utility service entrance — weatherhead to meter (SE)
- Main panel feeder from meter to load center (SEU/SER)
- Range, dryer, and 4-wire appliance branch circuits (SER)
- Underground service lateral — utility transformer to meter base (URD)
- Sub-panel feeders in residential and commercial construction
- Manufactured housing and modular building service entrance

## KEY SPECIFICATIONS

- Type SE: service entrance rated, sunlight resistant, 600V
- Type SEU: unarmored concentric neutral — weatherhead to meter socket
- Type SER: round construction — panel feeder and appliance circuits
- URD: concentric neutral, direct burial rated, RUS/ICEA S-97-682 compliant
- Aluminum (AA-8000 alloy) and copper conductors — all sizes
- 75°C standard rating (90°C available for some constructions)
- Meets NEC Article 230 (service entrance) and Article 338 (SE cable)
- #8 AWG – 1000 kcmil aluminum | #8 AWG – 500 kcmil copper

## TECHNICAL SPECIFICATIONS

Parameter	SE / SEU (Al)	SER / URD (Al)
Voltage Rating	600V	600V
Temperature Rating	75°C (90°C avail.)	75°C (90°C avail.)
Construction	Concentric neutral	Round, concentric neutral
Conductor Material	Aluminum AA-8000	Aluminum AA-8000
Conductor Sizes	#6 AWG – 1000 kcmil	#6 AWG – 1000 kcmil
Direct Burial	No (SE / SEU)	Yes (URD)
Standard	UL 854 / NEC 230	UL 854 / ICEA S-97-682

<b>SIZES &amp; CONFIGURATIONS</b> #8 AWG – 1000 kcmil Al   #8 – 500 kcmil Cu   SE, SEU, SER, URD types	<b>STOCKING LOCATIONS</b> Reno, NV · Houston, TX Standard & project-phased delivery	<b>OEM REPRESENTATIVE</b> GCP Energy LLC — Salt Lake City, UT <a href="http://portal.gcpenergy.us">portal.gcpenergy.us</a>
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