

# UCA0114: Smart 2590 Data & Power Cable

## Technical Datasheet



Technical Specifications	
Part No.	UCA0114
Cable	Power - (4) 16AWG conductors Communication - (7) 22AWG conductors
Max. Voltage	36VDC
Max. Current	30V Mode: 6.0A continuous 15V Mode: 12.0A continuous
Temperature Rating	-40°C to 70°C
Length	1.828m (72.0in)
Termination	Flying leads
Weight	0.45kg
Material	SVT, UL2464 jacketed
Color	Black

### Features

- Durable molded housing with mating connector for Ultralife Smart 2590 Batteries
- Full wrap-around nylon strap for secure connection in rugged environment

### Benefits

- Low profile design - conforms to surface of battery
- Access information in a remote environment
- Versatile cable to be used with Ultralife Smart 2590 Batteries (UBBL10 and UBBL13)
- Water resistant housing
- Flying lead connectors allow charging with a power supply and discharging with any electronic device
- Flying lead connectors allow flexibility for customers to terminate ends to match their device's connector

### Applications

- Field access to SMBus information (state of charge, voltage, temperature, calibration status, etc.)
- Diagnostics and testing
- Bench-top charging and discharging of Ultralife Smart 2590 Batteries

Pin Configuration	Power Side Cable (Black)
	Black   Batt A -
	Red   Batt A +
	Green   Batt B -
	White   Batt B +
Communication Side Cable (Grey)	
	Brown   Batt A -
	Blue   Batt B -
	Gray   Batt B Data
	Violet   Batt B Clock
	Yellow   Batt A Data
	Orange   Batt A Clock
	Pink   Batt Pin 3