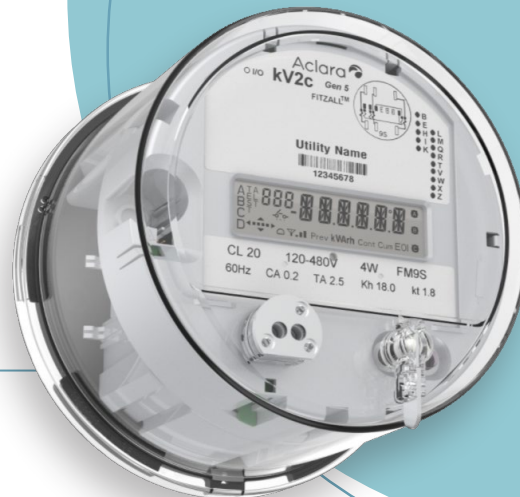


Metrum Cellular[®] LTE-M for Aclara kV2c Gen 5



The Metrum Cellular LTE-M is a drop-in module to the Aclara kV2c Gen 5 meter family.

Specifications Overview

Line Voltage Frequency	Auto Range 120-480 VAC ± 20%
Frequency	60 Hz ± 3Hz
The Metrum Cellular LTE-M support the following Meters and firmware	Aclara Gen 5 meter with meter firmware v. 4.19.01.x or newer
Cellular Carrier	Verizon [®] LTE (bands 4 ,13). AT&T LTE (bands 2 ,4 ,12).
Minimum System Requirements Versions listed or higher	UtiliWise [®] , MV90, Aclara MeterMate [™]
Height	6.125 inches
Weight (integrated)	4.0 lbs
Diameter	7 inches
Mounting	The Metrum Cellular LTE-M is a drop-in Module to the Aclara kV2c Gen 5 meter family

Electrical Ratings

Parameter	Rating		
Power Consumption	Voltage	Max Current	Max Watts
	120VAC	35mA	4.24 W
	240VAC	25mA	5.92 W
	277VAC	25mA	6.94 W
	480VAC	29mA	13.70 W
Over Current Protection	VAC ± 20%		
Internal Fusing	No		
Grounding	Varies by Meter Form		
Power Supply	AC lines		
Electronics Isolation	Electronics are isolated from power line		

Compliance Specifications

Parameter	Rating
ANSI C12.1-2008	American National Standard for ElectricMeters Code for Electrical Metering
EMI/RFI Emission Conducted/Radiated	CFR 47, FCC Part 15 A & B, Class B Digital Device
Meters Accuracy	The integrated product meets the meter accuracy requirements of ANSI C12.1 Section 4.7.3
Meter Operating Temperature Under the Cover	Rated -40 °C to +85 °C
AMI Operating Temperature* Under the Cover	Rated -30 °C to +60 °C
Relative Humidity	ANSI 40° C for three 24 hour cycles at 95 ±4% relative humidity, non-condensing

*Note: The AMI LTE Modem is designed to operate in accordance with the GSMA 3GPP2 specification. Operating outside of these specifications will result in service degradation. The modem will power down at +85°C internal meter temperature. The modem will shutdown when the meter shuts down at -40°C.



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