KENICK

MSO - Broadband

Small Cell Disconnect Switch

Technical Documentation

ACCESSORY SOLD SEPARATELY

With the ever-increasing demand for more data through mobile devices there is a need to implement new technologies to handle the increased traffic. Among the tools available to the broadband industry is the use of small cell technology. By using small cells, a mobile network can improve both coverage and capacity. Whether a MSO is providing backhaul services to a MNO or is entering the wireless market, the small cell concept can be a valuable technology.

However, due to the controversy surrounding the health risks in the immediate vicinity of the radiating signal many municipalities are requiring a power disconnect switch to shut the small cell off when workers are present on the pole or within the immediate area.

Applications

- Power disconnect to small cell

**See Ordering Information for model number selection*

Features

- RFI shielded cast aluminum package
- Delayed disconnect via use of relay
- LED indicator provides visual verification that switch is activated.
- 2.5 inch strand bracket

General Technical Specifications	
Passband	5-1002 MHz
Through Loss	
@ 1000 MHz	<2.0 dB
@ 5 MHz	< 0.5 dB
Return Loss	-16 dBc
AC Input Voltage	45-90 Vac (1)
AC Bypass Current (Max)	25 A
AC Bypass Current (Continuous)	12A
HUM Modulation @ 15 A	-70dBc
EMI	-110 dBc
Weight	3.4 lb
Dimensions (LxW.H)	[6.6x5.0x5.6 inch] (2)
Operating Temperature	40 °C/55 °C

Note:
1. CATV quasy square wave AC
2. Height includes 2.5” stand mounting bracket

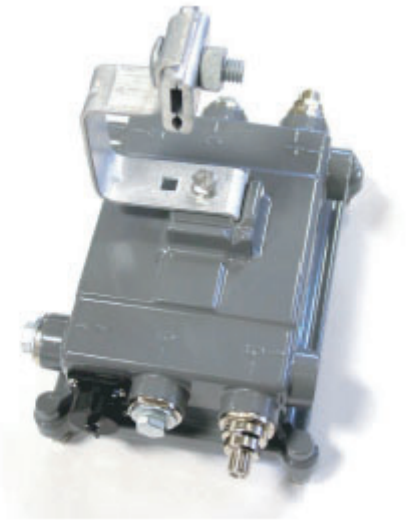
Specifications are subject to change without notice.

⚠ DANGER!

Only qualified personnel should install or service this system. Electrical safety precautions must be followed when installing or servicing this equipment. To prevent risk of electrical shock, turn off and lock out all power sources to the unit before making electrical connections or servicing.

Additional Picture

Back



Ordering Information

MODEL	Part #
Power Disconnect Switch	824-918-150-0CE
Power Disconnect Switch SNMP	824-918-151-0CE

Additional Details

The Kenick Power Disconnect Switch is designed to shut off the power to the small cell while continuing to pass the RF signal. This switch is available with an immediate disconnect or with a timed delay to work with the SNMP monitoring capabilities of the small cell device.

A disconnect button on the bottom of the device allows a technician to shut off power by simply pushing the button. A LED indicator is illuminated when the power has been disconnected giving a visual indication that can be seen from the ground showing that the power has been manually shut off.

When using the Disconnect Switch with the timed delay it will allow the small cell to communicate with the operator to let them know that the power outage is the result of the Disconnect Switch being used.

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