

CableServ® Small Cell Disconnect Switch



Product Description

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.

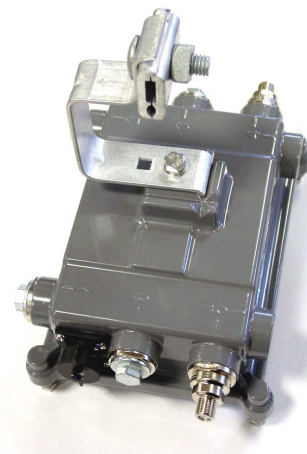
The CableServ® Power Disconnect Switch is designed to shut off the power to the small cell while continuing to pass the RF signal. This switch is available with an immediate disconnect or with a timed delay to work with the SNMP monitoring capabilities of the small cell device. A disconnect button on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

Applications

- Power disconnect to small cell



CableServ® Disconnect Switch



Product 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
- Full 24 month limited warranty

Product Specifications

CableServ Inc.

SPECIFICATIONS

POWER DISCONNECT SWITCH			
Parameter	Notes	Units	Forward
Passband		MHz	5-1002
Through Loss @ 1000 MHz		dB dB	<2.0
@ 5 MHz			< 0.5
Return Loss		dBc	-16
AC Input Voltage	1	Vac	45-90
AC Bypass Current (Max)		A	25
AC Bypass Current (Continuous)		A	12
HUM Modulation @ 15 A		dBc	-70
EMI		dBc	-110
Weight		lb	3.4 lb
Dimensions (LxWxH)	2	inch	6.6x5.0x5.6
Operating Temperature		°C	-40 °C/55 °C
Note: 1. CATV quasy square wave AC 2. Height includes 2.5" strand mounting bracket			
Specifications are subject to change without notice			

Order Information

PRODUCT MODEL	CABLESERV PART #
CEL POWER DISCONNECT SWITCH	824-918-150-0CE
CEL POWER DISCONNECT SWITCH SNMP	824-918-151-0CE



CableServ Inc.
 949 Kamato Rd
 Mississauga, Ontario, Canada L4W 2R5
 Telephone: (905) 629-1111
 Fax: (905) 629-1115
 E-mail to: inquiries@cableserv.com
 Visit us at www.cableserv.com