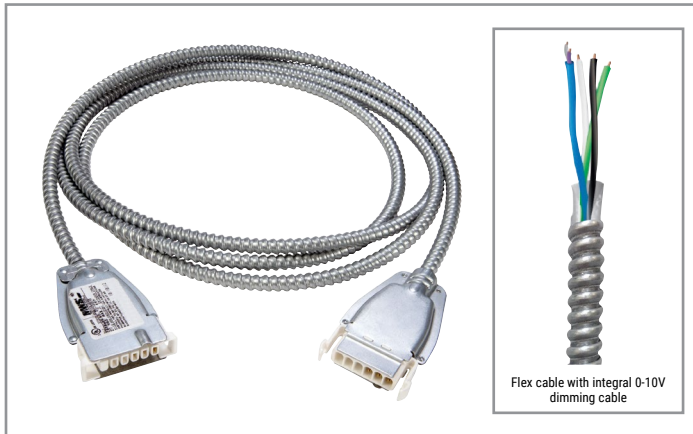


Project		Catalog #		Type	
Prepared by		Notes		Date	



# MWS

## EC-010V

Extender Cable with 0-10V Dimming  
Modular Wiring System

### Typical Applications

Office • Education • Hospitality • Retail • Industrial • Manufacturing • Sports Venues

### Interactive Menu

- Order Information page 2
- Product Specifications page 2
- System View page 2
- Product Warranty



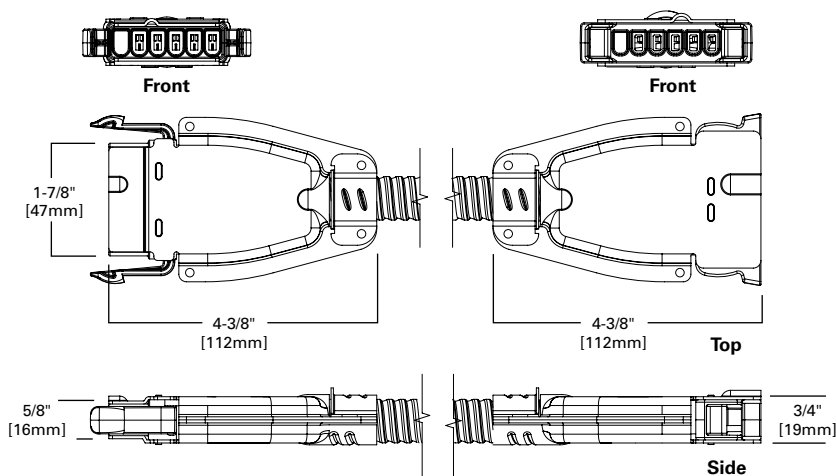
### Product Certification



### Top Product Features

- UL Listed under Standard 183 for make or break under load
- Meets requirements of Article 604 of the National Electrical Code
- Rated at 20 amperes with full-size ground wire
- Copper conductors with THHN insulation rated at 90°C
- Galvanized steel exterior with integral keying for voltage

### Dimensional and Mounting Details



additional product diagrams

## Order Information

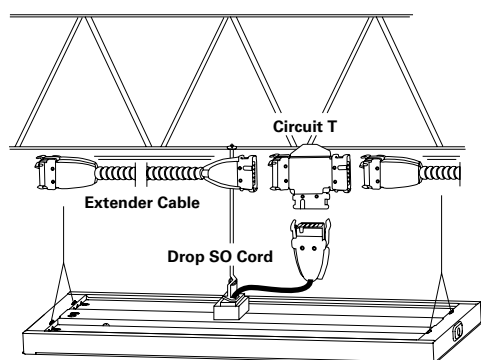
SAMPLE ORDER NUMBER: **27EC12/3G17-010V**

Voltage	Component	Conductors and Size	Cable Length (Feet)	Dimming
12=120V 20=208V 24=240V 27=277V 34=347V 48=480V	EC=Extender Cable	10/2G=#10, 2 Conductors Plus Ground 12/2G=#12, 2 Conductors Plus Ground	07=7' 11=11' 17=17' 21=21' 26=26' 31=31' 36=36' 41=41'	010V=0-10V Dimming

## Product Specifications

- UL Listed under Standard 183 for make or break under load
- MWS components assembled with 12 AWG/10 AWG conductors rated at 20 amperes with full size ground wire
- 0-10V Dimming wires 16AWG
- Copper conductors are THHN insulated wire rated 90°C
- Galvanized steel exterior with integral keying for voltage and amperage
- Unique double-blade contact ensures proper mating of electrical components to prevent pushback or pullout
- Supplies power between MWS components without use of couplers
- All unused outlets require a MWS dust cover. MWS ST, SP, SD, CT and TC are shipped with one dust cover attached
- Copper power and control/signal conductors
- Meets the NEC and UL listing requirements for combining power/lighting circuits and class 2 or class 3 signal/control circuits in the same cable

## System View (not to scale)

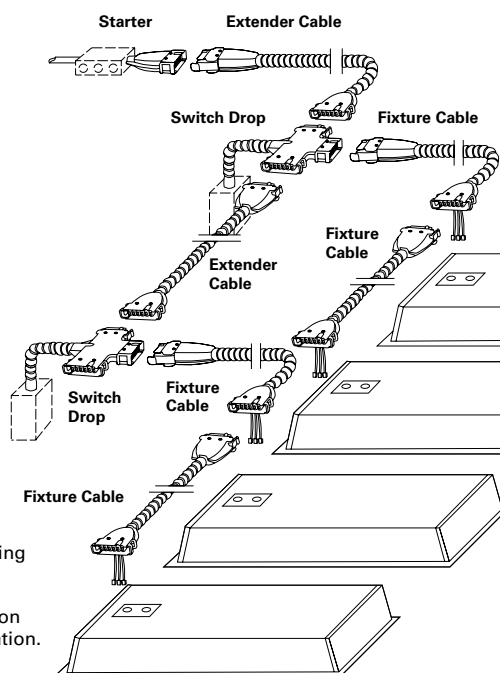


### Extender Cable (EC)

Supplies power between MWS components. Cables connect together without use of couplers.

Typical MWS Wiring System Application shown utilizing **Extender Cable (EC)**.

Consult MWS Installation, Application and Specification Manual for additional comprehensive system information.



### Shipping Data

Standard Cable Lengths	Unit Wt.	Standard Qty./Carton
5'	2.0 lbs.	12
7'	2.5 lbs.	10
9'	3.0 lbs.	9
11'	3.5 lbs.	8
13'	4.0 lbs.	7
15'	4.5 lbs.	6
17'	5.0 lbs.	6
19'	5.6 lbs.	5
21'	6.3 lbs.	5
26'	7.8 lbs.	4
31'	9.3 lbs.	4
36'	10.3 lbs.	4
41'	12.3 lbs.	4

### MWS Autocad Drafting

Please reach out to your local representative for MWS layout design assistance.

All electrical boxes, conduit, connections and switches by others.  
Install dust covers on unused open ends.  
Scale is exaggerated on fixtures and MWS system applications.