

DESCRIPTION

MWS, Modular Wiring Systems, provides low cost installation of branch circuit wiring for lighting and power. Using modular components that plug together, MWS can be installed in a fraction of the time of hardwiring. Plus, MWS offers the advantage of relocating fixtures and outlets in future renovations.

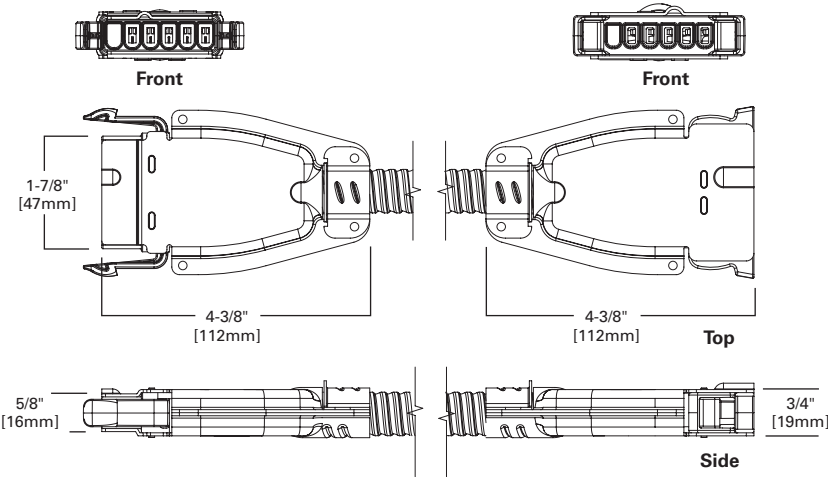
The MWS Extender Cable (EC) continues the MWS circuit between MWS components that interface with lighting fixtures, switches and convenience power outlets.

Any MWS cable component may have length added with an Extender Cable.

DESIGN FEATURES

- UL Listed under Standard 183 for make or break under load.
 - Meets requirements of Article 604 of the National Electrical Code.
 - MWS components assembled with 12 AWG/10 AWG conductors rated at 20 amperes with full size ground wire.
 - Copper conductors are THHN insulated wire rated 90°C.
 - Galvanized steel exterior with integral keying for voltage and amperage.
 - Valox 365 constructed contact housings are approved for environmental air plenums.
 - 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.

DIMENSIONAL DATA



Catalog #	Type
Project	Date
Comments	
Prepared by	



EC

EXTENDER CABLE

Modular Wiring System

MWS AUTOCAD DRAFTING

MWS offers AutoCAD drafting to layout MWS, providing the contractor with additional benefits.

MWS design layout time is reduced.

Bills of material are computer-generated guaranteeing accuracy.

MWS drawing symbols and details standardized.

Layouts are available on CD or e-mail.

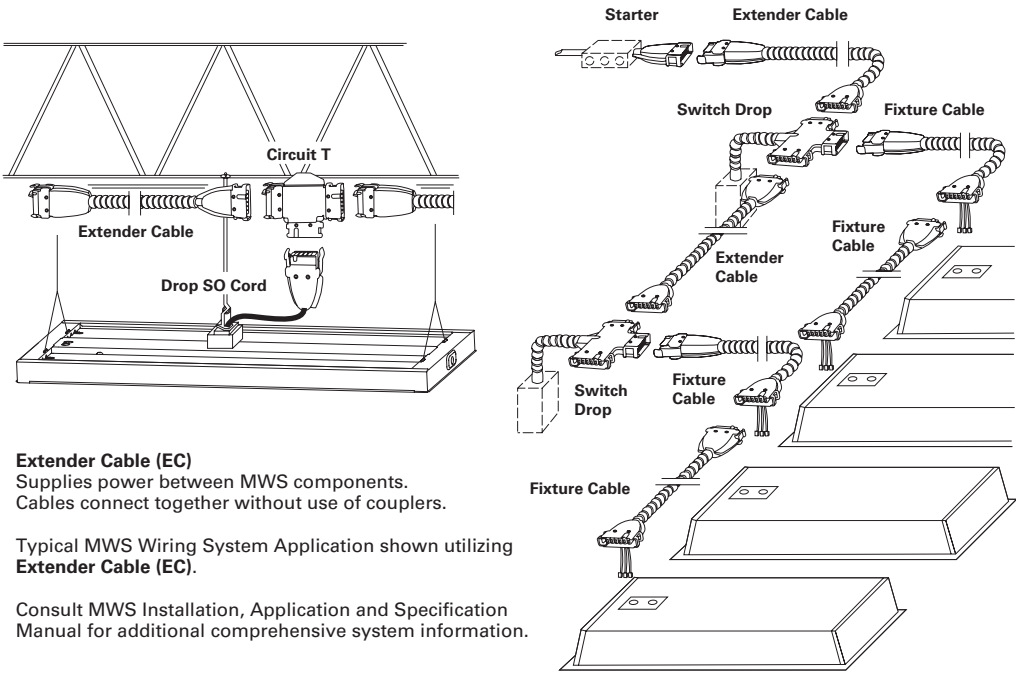
To utilize this service and for additional information, contact the MWS Sales Department (888) 487-4887.

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.

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.

ORDERING INFORMATION

SAMPLE NUMBER: 27EC12/3G17

EC				
Voltage	Component	Conductors and Size	Cable Length (Feet)	Options
12=120V	EC=Extender Cable	10/2G=#10, 2 Conductors Plus Ground	05=5'	2N=2 Neutral ⁽¹⁾
20=208V		10/3G=#10, 3 Conductors Plus Ground	07=7'	
24=240V		10/4G=#10, 4 Conductors Plus Ground ⁽²⁾	09=9'	
27=277V		12/2G=#12, 2 Conductors Plus Ground	11=11'	
34=347V		12/3G=#12, 3 Conductors Plus Ground	13=13'	
48=480V		12/4G=#12, 4 Conductors Plus Ground ⁽²⁾	15=15'	
			17=17'	
			19=19'	
			21=21'	
			26=26'	
			31=31'	
			36=36'	
			41=41'	

NOTES: ⁽¹⁾ 12/4G and 10/4G only. ⁽²⁾ Compatible with 5LT components.
Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.

SHIPPING DATA

Standard	Unit	Standard
Cable Lengths	Wt.	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