

# 6 Conductor Shielded, 8 AWG Outdoor DC Power Cable

Part Number: 86CS-8MC-10

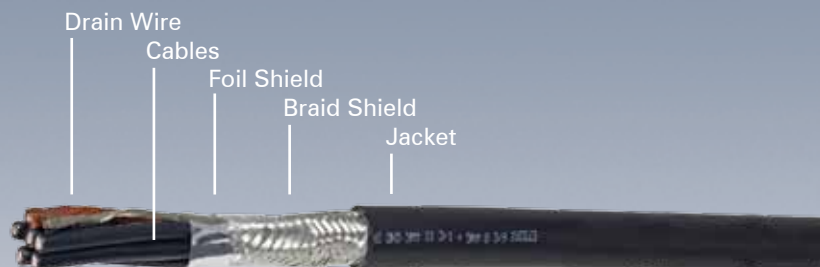
UL approved for  
direct burial or  
sunlight applications



Tinned copper braid  
and aluminum tape  
with drain wire

600 volts power tray  
cable

Available per foot or  
bulk



## COMPONENTS

<b>Component A</b> .....	Six 8 AWG insulated conductors
<b>Conductor</b> .....	8 AWG, 168/30 tinned copper
<b>Insulation</b> .....	.032" nominal wall of PVC (see color code)
<b>Jacket</b> .....	.006" nominal wall of clear nylon — .252"
<b>Component B</b> .....	One 10 AWG, 105/30 bare copper (uninsulated ground wire) — .134"

## CABLE CONSTRUCTION

<b>Cabling Core</b> .....	One A component
<b>Cabling Layer 1</b> .....	Five A components and one B component cabled together
<b>Foil Shield</b> .....	Aluminum-mylar tape, aluminum side OUT
<b>Drain Wire</b> .....	12 AWG, 65/30 tinned copper
<b>Braid Shield</b> .....	34 AWG tinned copper braid, 85% coverage
<b>Jacket</b> .....	.085" nominal wall of black PVC — .955"

## REQUIREMENTS

<b>Temperature</b> .....	90C
<b>Voltage</b> .....	600V
<b>Approvals</b> .....	UL Type TC Sunlight Resistant Direct Burial

## COLOR CODE

<b>Component A</b> .....	1. Black and numerically printed "1 - ONE"
	2. Black and numerically printed "2 - TWO"
	3. Black and numerically printed "3 - THREE"
	4. Black and numerically printed "4 - FOUR"
	5. Black and numerically printed "5 - FIVE"
	6. Black and numerically printed "6 - SIX"

## RF Industries

(NASDAQ: RFIIL)

7610 Miramar Road  
San Diego, CA 92126  
(800) 233-1728  
(858) 549-6340  
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rfi@rfindustries.com  
www.rfindustries.com

Manufactured in the USA



Note: Specifications subject to change without notice

# 2 Conductor Shielded, 12 AWG Outdoor DC Power Cable

Part Number: 122CS-12RB-12

UL approved for  
direct burial or  
sunlight applications



Tinned copper braid  
and aluminum tape  
with drain wire

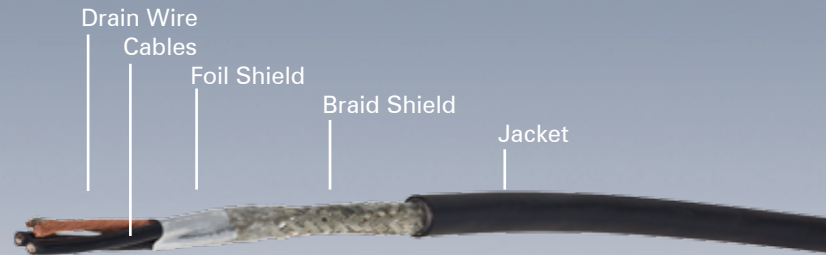
600 volts power tray  
cable

Available per foot or  
bulk

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### COMPONENTS

<b>Component A</b> .....	Two 12 AWG insulated conductors
<b>Conductor</b> .....	12 AWG, 65/30 tinned copper
<b>Insulation</b> .....	.016" nominal wall of PVC (see color code)
<b>Jacket</b> .....	.005" nominal wall of clear nylon — .138"
<b>Component B</b> .....	One 12 AWG, 65/30 bare copper (uninsulated ground wire) — .096"

### CABLE CONSTRUCTION

<b>Cabling</b> .....	Two A components and one B component cabled together
<b>Foil Shield</b> .....	Aluminum-mylar tape, aluminum side OUT
<b>Drain Wire</b> .....	14 AWG, 41/30 tinned copper
<b>Braid Shield</b> .....	36 AWG tinned copper braid, 85% coverage
<b>Jacket</b> .....	.050" nominal wall of black PVC — .399"

### REQUIREMENTS

<b>Temperature</b> .....	90C
<b>Voltage</b> .....	600V
<b>Approvals</b> .....	UL Type TC Sunlight Resistant Direct Burial

### COLOR CODE

<b>Component A</b> .....	1. Black and numerically printed "1 - ONE"
	2. Black and numerically printed "2 - TWO"

Manufactured in the USA 

Note: Specifications subject to change without notice