

Recessed Ceiling Flex² System Reverse Lighting Distribution Cable

Catalog Number
Notes
Type

APPLICATION

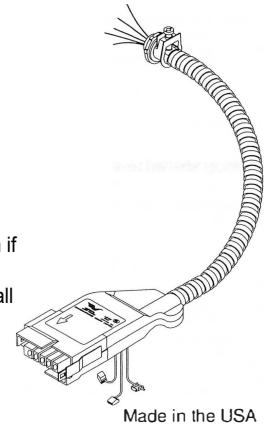
The **Reverse Lighting Distribution Cable** is the starting point of the Suspended Ceiling **Flex²** System. Once power is brought from the the Lighting Panel to the point of distribution by conventional hard-wiring means, the **Reverse Lighting Distribution Cable** is installed through a 1/2" grade size knockout. The **Distribution cable** conductors are spliced to the hard-wired conductors and the interface is complete. Take the opposite end of the Distribution Cable and push the ballast leads of the lighting luminaire into the quick-connectors attached to the leads of the Distribution Cable, then snap the power-out cable head into the knockout of the lighting luminaire.

Component Information

Cat. #'s	Description	Colors
120V		
1DA*R	Single circuit, 2-wire w/Grd	black, white and green
1DB*R	Two circuit, 3-wire w/Grd	black, red, white and green
1DC*R	Three circuit, 4-wire w/Grd	black, red, blue, white and green
277V		
2DA*R	Single circuit, 2-wire w/Grd	brown, grey and green
2DB*R	Two circuit, 3-wire w/Grd	brown, yellow, grey and green
2DC*R	Three circuit, 4-wire w/Grd	brown, yellow, orange, grey, green

* Denotes cable length in feet.

Note: Local switch legs on Flex2 wiring system to be hardwired (by others). Modular wiring system begins at the j-box located above the ceiling line above the wall switch. Refer to the Flex4 system if modular wiring component is required for dropping down the wall to local switch box.



FEATURES

- Rated for use on 20 ampere branch circuits.
- Manufactured from Type MC Cable featuring 90°C insulated, #12AWG, solid copper conductors and a #12AWG insulated, solid copper ground.
- Lighting cable leads are 105°C insulated, #18AWG, solid copper conductors.
- Six inches of THHN insulated conductors are provided through a 1/2" connector for connection to the hard-wire system.
- Connector housing is zinc-plated .060 inches cold-rolled steel.
- Pin and socket connector design.
- To eliminate inter-voltage connection, each connector is keyed and color coded to meet specific voltage requirements.
- IBEW Assembled, UL listed and labeled.
- Meets requirements of NEC® Article 604.
- Acceptable for use in environmental air-handling spaces other than ducts or plenums per NEC Article 300-22(c).

ORDERING INFORMATION

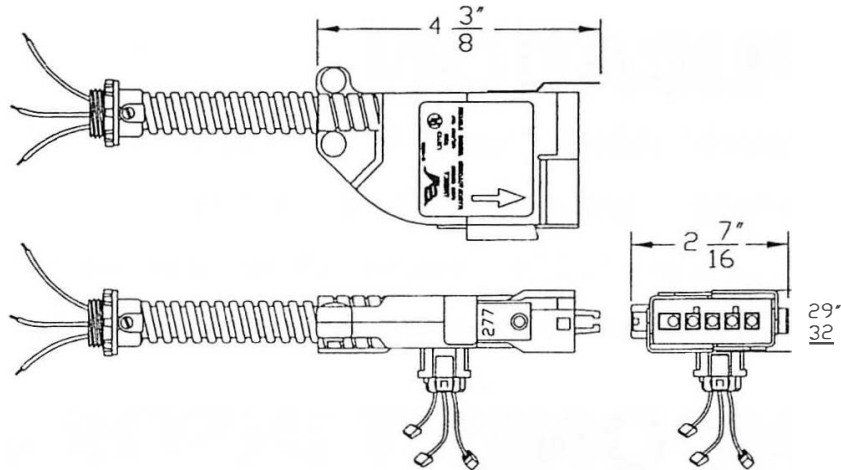
Example: 2DA15-R

<u>Voltage</u> 1 - 120V 2 - 277V	D <u>Function</u> D - Lighting Distribution Cable	<u>No. of Wires</u> A - 1 circuit w/ ground wire B - 2 circuit w/ ground wire C - 3 circuit w/ ground wire	<u>Cable Length in Feet</u> 5 - 5' 20 - 20' 10 - 10' 25 - 25' 15 - 15' 30 - 30'	-R <u>Type</u> -R - Reverse Cable
--	--	---	---	--

Reverse Lighting Distribution Cable

Weight	4.5 pounds (15' length)
Length	Unrestricted by NEC
Minimum Coil Diameter	9 inches (inner diameter)
Cable Type	MC
Conductor	Copper, solid, 90°C, THHN
Conductor Size	12 AWG
Ground Conductor Fixture Pigtail	Copper, solid, 105°C, THHN
Pigtail Size	18 AWG
Ground Pigtail	16 AWG, copper, stranded
Contact	0.016" tinned copper alloy
Contact Housing Material	Polycarbonate, UL
Keying	94V-2 Complies with NEC 604-6(b)
Connector Housing & Strain Relief Material	0.060" cold-rolled steel
Plating	Zinc bright dip
Attaching Hardware	Rivet, steel, zinc plated
Latch	#3 zinc alloy, die cast
Latch Strike Material	0.028 AISI 1075 cold-rolled spring steel
Plating	Black oxide

KEY DIMENSIONS



SYSTEM VIEW

