

Catalog Number	
Notes	Type

## FEATURES & SPECIFICATIONS

### INTENDED USE

The Quick-flex Fixture Cable is a male/female cable that provides power from fixture to fixture.

### ELECTRICAL

- Rated for use on 20-amp branch circuits.
- All conductors are No. 12 AWG copper with -20°C to +90°C thermoplastic insulation rated 600V.
- All components provide a fully rated No. 12 AWG grounding conductor.
- Fixture leads are No. 18 AWG solid copper with -20°C to +105°C thermoplastic insulation rated 600V. Prestripped, solid-color leads for easy installation into side, back or push-in-type terminals. 10 amp max.
- RRL option includes 18 AWG conductors; 3 amp max.
- Safety-keying prevents accidental mating of components with different voltages.

### SYSTEM FEATURES

- Pin and socket contacts.
- Color-coded labels for quick voltage identification.
- No fixture ground lead to connect. Snap-in fitting provides ground connection for US only.
- Auto-latching springs for easy male/female connections.
- Available in varying lengths to suit most common fixture spacing requirements.
- Dustcover available for unused ports: QUICK FLEX DUST COVER J50.
- Green armor standard for easy identification in healthcare facilities.
- Plenum rated.

### LISTINGS

- UL Listed to US and Canadian Safety Standards.
- Built to UL Standard 183 for Manufactured Wiring Systems and suitable for air-handling spaces above grid ceiling as described in NEC 300.22(C).
- Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities (HCF option).
- U.S Patent Nos. 6,083,053; 6,102,733; 6,113,435; 6,126,490; 7,021,961.

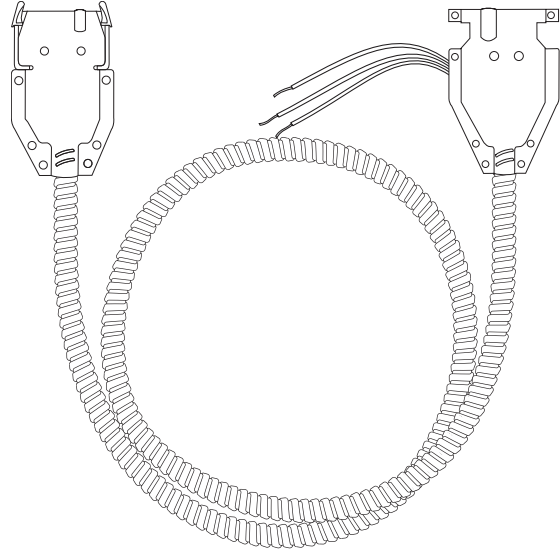
### WARRANTY

- 5-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

### Quick-Flex® Fixture Cable

### RECESSED CEILING LIGHTING SYSTEM

# QFC



## QUICK-FLEX™

Actual performance may differ as a result of end-user environment and application.  
Note: Specifications subject to change without notice.

## ORDERING LOGIC

For shortest lead times, configure product using **bolded options**.

**Example: QFC120 12/2G09**

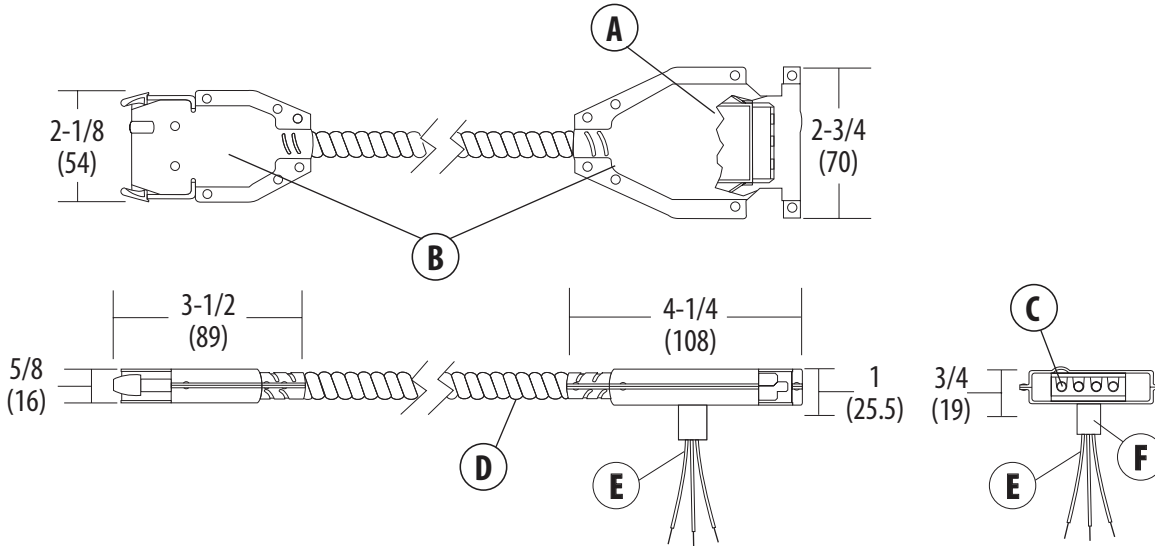
Series	Voltage	Conductors	Lengths <sup>1</sup>	Options
QFC	<b>120</b> 120V	<b>12/2G</b> Two 12 AWG conductors, plus 12 AWG ground	<b>05</b> 5 ft.	<b>G</b> 18 AWG ground lead dropped to fixture <sup>2</sup>
	<b>277</b> 277V	<b>12/3G</b> Three 12 AWG conductors, plus 12 AWG ground	<b>07</b> 7 ft.	HCF Meets healthcare facility requirements
	<b>347</b> 347V		<b>09</b> 9 ft.	<b>RRL</b> RELOC®-ready luminaire <sup>3,4</sup>
			<b>11</b> 11 ft.	<b>X</b> Cross-over cable <sup>5</sup>
			<b>13</b> 13 ft.	
			<b>15</b> 15 ft.	

### NOTES

- Standard lengths listed. Consult factory for custom lengths up to 50ft.
- G option required for Canada, HCF and RRL option.
- If RRL selected, fixture must have RRL and wiring instruction. See fixture spec sheet for details. See RRL spec sheet for connector details.
- RRL option available in lengths up to 35ft.
- X option available with 12/3G conductors only. Hot conductors 1 and 2 alternate internally to the cable.

## DIMENSIONS

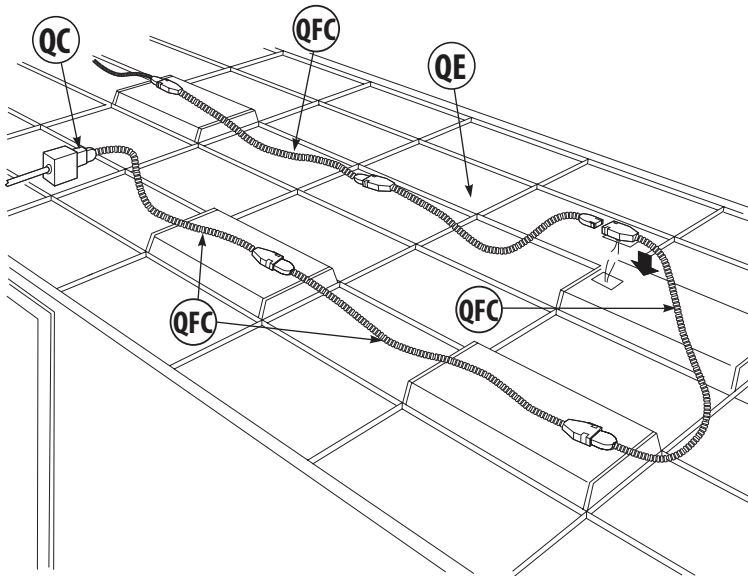
Dimensions are shown in inches (millimeters)



- A – Connector body
- B – 18-gauge galvanized steel cover, zinc alloy casting
- C – Tin-plated brass contacts
- D – MC cable standard and HCF MC optional
- E – No. 18 AWG solid copper wires
- F – Cast snap-in fitting fits 1/2" trade size K.O. and provides ground connection for US only. G option required for Canada

## SYSTEM VIEW

System View designs are for illustrative purposes only.



Pin Position / Wire Color			
Position	120V	277V	347V
1	Black	Brown	Black
N	White	Gray	White
G	Green	Green	Green
2	Red	Orange	Red

**NOTE:** X cross-over cable option will have one hot conductor dropped to the fixture. For 120V/347V it will be black; 277V will be brown.