



## Features

- Front-facing configuration - easy access to protector modules, jumper field and test field
- Industry-standard design accepts all standard 303-type protector modules and testing equipment
- Integral fanning strip helps maintain neat and orderly wiring

## Model C(G)-303 100-Pair Connector

Bourns® C(G)-303 Connector is intended for applications where lower pair density and full front-facing accessibility are required. The connector is used in central offices where there is ample frame space or to expand existing installations using C(G)-303 connectors. This 483 mm high (19 inch) connector is a 100-pair connector for use on central office main distributing frames, Private Automatic Branch Exchange (PABX) carrier and other special service applications.

The C(G)-303 connector may be used on central office mainframes and other frames with 8 inch (203 mm) between verticals. The connector accepts the full line of industry-standard 303-type, 5-pin protector modules including Bourns® hybrid, solid-state and gas tube modules.

### Specifications

#### Plastic Materials

Main Body..... Polycarbonate, ivory, UL 94V-0

#### Metal Parts

Mounting Hardware ..... Steel, zinc-plated

Current-Carrying Components ..... Copper or copper alloys, tin-plated

#### Cable Stub

Termination ..... Wire-wrap, field-installed

#### Cross-Connect (Jumper) Connections

Termination ..... Wire-wrap

Contact Resistance..... < 2 milliohms

Dielectric Strength ..... > 1500 VDC and >1000 VAC @ 50-60 Hz for two minutes

Insulation Resistance ..... > 30 megohms @ 1000 VDC

Environmental Conditions ..... Operating environment with temperature ranging from 0 °C (+32 °F) to +50 °C (+122 °F) up to 95% R.H.

#### Temperature Characteristics

High Temperature..... +60 °C (+140 °F) without deformation

#### Frame Vertical Capacities

Height 2.13 m (7.0 ft.) ..... 300 pairs

Height 2.44 m (8.0 ft.) ..... 400 pairs

Height 2.74 m (9.0 ft.) ..... 400 pairs

Height 3.51 m (11.5 ft.) ..... 600 pairs

Height 4.27 m (14.0 ft.) ..... 800 pairs

### Packaging Specifications for Stubless Models

Dimensions (H x W x D)..... 150 x 500 x 200 cm (6 x 19.7 x 8 in.)

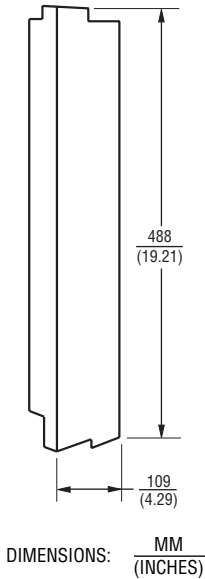
Weight ..... 2.5 kg (5.5 lb.)

Standard Package..... 1

# Model C(G)-303 100-Pair Connector

**BOURNS®**

## Product Dimensions



## How to Order

Product Code	Part Number	Description
<b>Stubless</b>		
303-0000	<b>A0313099</b>	C-303 Connector, 100 pair, tin, stubless
303-0B000	<b>303-0B000</b>	CG-303 Connector, 100 pair, gold, stubless
<b>Bonded Cable, Tin with Stub</b>		
303-0023	<b>A0344033</b>	C-303 Connector, 100 pair, tin, 22 AWG, 30 ' stub
303-0025	<b>A0344035</b>	C-303 Connector, 100 pair, tin, 22 AWG, 50 ' stub
303-0028	<b>A0344036</b>	C-303 Connector, 100 pair, tin, 22 AWG, 80 ' stub
303-0020	<b>A0344037</b>	C-303 Connector, 100 pair, tin, 22 AWG, 100 ' stub
303-0043	<b>A0344027</b>	C-303 Connector, 100 pair, tin, 24 AWG, 30 ' stub
303-0045	<b>A0344029</b>	C-303 Connector, 100 pair, tin, 24 AWG, 50 ' stub
303-0048	<b>A0344030</b>	C-303 Connector, 100 pair, tin, 24 AWG, 80 ' stub
303-0040	<b>A0344031</b>	C-303 Connector, 100 pair, tin, 24 AWG, 100 ' stub
<b>Bonded Cable, Gold with Stub</b>		
303-0B403	<b>303-0B403</b>	CG-303 Connector, 100 pair, gold, 22 AWG, 30 ' stub
303-0B405	<b>303-0B405</b>	CG-303 Connector, 100 pair, gold, 22 AWG, 50 ' stub
303-0B408	<b>303-0B408</b>	CG-303 Connector, 100 pair, gold, 22 AWG, 80 ' stub
303-0B410	<b>303-0B410</b>	CG-303 Connector, 100 pair, gold, 22 AWG, 100 ' stub
303-0B303	<b>303-0B303</b>	CG-303 Connector, 100 pair, gold, 24 AWG, 30 ' stub
303-0B305	<b>303-0B305</b>	CG-303 Connector, 100 pair, gold, 24 AWG, 50 ' stub
303-0B308	<b>303-0B308</b>	CG-303 Connector, 100 pair, gold, 24 AWG, 80 ' stub
303-0B310	<b>303-0B310</b>	CG-303 Connector, 100 pair, gold, 24 AWG, 100 ' stub
<b>Unbonded Cable, Gold with Stub</b>		
303-0B103	<b>303-0B103</b>	CG-303 Connector, 100 pair, gold, 24 AWG, 30 ' stub
303-0B105	<b>303-0B105</b>	CG-303 Connector, 100 pair, gold, 24 AWG, 50 ' stub
303-0B108	<b>303-0B108</b>	CG-303 Connector, 100 pair, gold, 24 AWG, 80 ' stub
303-0B110	<b>303-0B110</b>	CG-303 Connector, 100 pair, gold, 24 AWG, 100 ' stub

Note: Order by Part Number.