

The LPC CP1/CP2 RF switchable connectors are ideal for small handsets and offer high performance in a very compact design and a unique cold pin to minimize the RF emissions in unmated conditions.

**Applications:**

- Antenna Interconnect for Satellite TV Receiver
- Mobile Phones
- PDA
- Portable Radio



 For more information: [www.ittcannon.com/cat264](http://www.ittcannon.com/cat264)

*New*

**Product Features**

- Cold pin to minimize RF emissions in unmated conditions.
- Low profile of 5,6 mm.
- 0.2 g weight.
- 100% checked on assembly.
- Seal to prevent dust and water penetration.
- Standard tape and reel packaging.

**Performance Specifications**

Connector Durability	12,000 mating cycles min.
Corrosive Atmosphere	Battele class II
Frequency Range	0.8 to 2 GHz
Humidity	Operable in 90% relative humidity, temp. 40°C (104°F)
Impedance	50 Ω nominal
Insertion Loss	at 0.8 to 2 GHz <0.1 dB
Mating Force	>4 N and <7 N (when mated with plug)
Maximum Dimensions	3.5 x 5.1 x 5.6 mm (H x W x D)
Offset Mating	0.95 mm
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Packaging	Tape and Reel, 13 in. Reel, 1000 pieces per reel
Salt Spray	In accordance with IEC 68-2-11, Method Ka
Shock	105 g (force) 6 directions over 3 axis
Solder System	Hand soldering, Infrared reflow soldering
Vibration	+3 dB/octave 20 to 80 Hz 0.53 g <sup>2</sup> /Hz 80 to 350 Hz +3 dB/octave 350 to 2000 Hz
VSWR	at 2000 MHz ≤1.2:1

**Materials and Finishes**

Description	Material	Finish
Shell	Brass	Gold
Insulator	LPC Resin	Color: Black
Contact, Fixed	Brass	Gold
Contact, Moving	Beryllium Copper	Gold
Cold Pin	Brass	Gold
Gasket	Silicone Rubber	Color: Black

 Please contact your local Cannon representative: [www.ittcannon.com/support/ContactUs](http://www.ittcannon.com/support/ContactUs)