

# Comant CI 120-4

## Power Combiner

**COBHAM**

### 2008 Data Sheet

The most important thing we build is trust

#### CI 120-4 Power Combiner

Two input - two output Power Combiner is standard equipment with Comant's CI 120-200G/S blade set. Combines VOR/LOC and GS signals from individual blades. Ideal for applications where dual coaxial cable runs to the avionics installation for NAV1 and NAV2 receivers.

#### Applications

Internal mount.

#### Frequencies Covered

108-118 MHz & 329-335 MHz

#### Specifications

##### Electrical

Frequency	108 -118 MHz	329-335 MHz
VSWR	1.5:1 Max.	1.5:1 Max.
Power Split	6 dB	6 dB
Isolation (btwn Ports)	20 dB	20 dB
Insertion Loss	1.5 dB	1.5 dB
Amplitude Balance	+0.5 dB	+0.5 dB
Impedence	50 Ohms	50 Ohms
Phase (btwn Ports)	+ 180°+5	+ 180°+5

##### Mechanical

Weight	0.1 lbs
Height	0.97 inches
Construction	Die Cast Aluminum
Finish	Aluminum
Connector	BNC (female)

##### Environmental

N/A Internal Mounting

##### Federal Specifications

FAA TSO	C34e, C36e, C40c
RTCA Environmental	DO-160D



WARNING: Use factory supplied drawings and specifications for installation. Refer to FAA AC 43.13-2B for installation guidelines.

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