

Comant CI 120-3

Power Combiner

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 120-3 Power Combiner

Two input - one output Power Combiner is standard equipment with Comant's CI 120G/S blade set. Combines VOR/LOC and GS signals from individual blades. Typically used with single coaxial cable runs to flight deck avionics.

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	3 dB	3 dB
Isolation (btwn Ports)	20 dB	20 dB
Insertion Loss	1.0 dB	1.0 dB
Amplitude Balance	+0.2 dB	+0.2 dB
Impedence	50 Ohms	50 Ohms
Phase (btwn Ports)	+ 180°+1	+180°+1

Mechanical

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

Environmental

N/A	Internal Mounting
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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.

For further information please contact:

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