

# Comant CI 120-5

## SIGNAL COMBINER

### CI 120-5 COMBINER – VOR / LOC / GS

Two-through-hole-mount style two-input / two-output Power Combiner is standard equipment with Comant's CI 120-200G/S-L as supplied to Cessna. The CI 120-5 allows for 2 separate 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 Min	20 dB Min
Insertion Loss	1.5 dB Max	1.5 dB Max
Amplitude Balance	±0.5 dB	±0.5 dB
Impedance	50 Ohms	50 Ohms
Phase (btwn Ports)	±180° ±5°	±180° ±5°

#### Mechanical

Weight	0.25 lb.
Height	0.88 in.
Construction	Die Cast Aluminium
Finish	Aluminium
Connector	BNC (female)

#### Environmental

Internal Mounting / DO 160

#### Federal Specifications

FAA TSO	Part of an approved TSO System
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