

# Comant CI 1125 Series

## SIGNAL DIPLEXER

### CI 1125 DIPLEXER SERIES

Comant's two-through-hole-mount style diplexer with BNC ports. Splits a single VOR/LOC and GS antenna signal into two VOR/LOC and two GS signal output. Designed for avionics units that require separate NAV signal inputs. Suitable for internal aircraft mounting.

See the CI 1125-TNC for TNC female ports.

### APPLICATIONS

Internal Aircraft Mounting

Warranty: 1 year

Always consult your installation shop for best application. See full disclaimer (Page 7) for more information.

### FREQUENCIES COVERED

108 - 118 MHz (VHF - VOR / LOC)

329 - 335 MHz (UHF - GS)

### SPECIFICATIONS

#### Electrical

Frequency 108-118 MHz & 329-335 MHz

VSWR 1.5:1 Max

Isolation 20 dB between VOR/GS  
18 dB between VOR Ports  
18 dB between GS Ports

Insertion Loss 3.6 dB Max

Impedance 50 Ohms

#### Mechanical

Weight 0.20 lb.

Height 0.75 in.

Material Aluminium

Finish Aluminium

Connector BNC or TNC

#### Environmental

N/A Internal Mounting

#### Federal Specifications CI 1125

FAA TSO C34c, C36c, C40a

