

Comant CI 1120-300

SIGNAL TRIPLEXER

CI 1120-300 TRIPLEXER – VHF / UHF

Comant's two-through-hole-mount style diplexer with TNC ports. Specifically designed to operate with the CI 295-300, CI 295-250 and CI 295-200 single connector SAR antenna. This allows the separation of the 136-174, 380-520 and 760-870 MHz frequencies. Suitable for internal aircraft mounting.

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

136 - 174 MHz (VHF - Comm)

380 - 520 MHz (UHF)

764 - 870 MHz (UHF)

SPECIFICATIONS

Electrical

Frequency MHz	136-174	380-520	760-870
VSWR Max	1.5:1	1.5:1	1.5:1
Return Loss dB	-13.98 dB	-13.98 dB	-13.98

Isolation	30 dB	30 dB	30 dB Max
Insertion Loss	1.0 dB	1.0 dB	1.0 dB Max

Impedance RF 50 Ohms

Power RF 10 watts

Mechanical

Weight 0.60 lb.

Dimensions 1 x 3 in.

Finish Nickel Plated Aluminium

Connector 4 TNC (female)

Environmental

Temperature -55C to +125C

Altitude Up To 50,000 ft.

Relative Humidity 95%

Vibration UH60 Blackhawk Per
MIL-STD-810G Method 514.6
Category 14

