

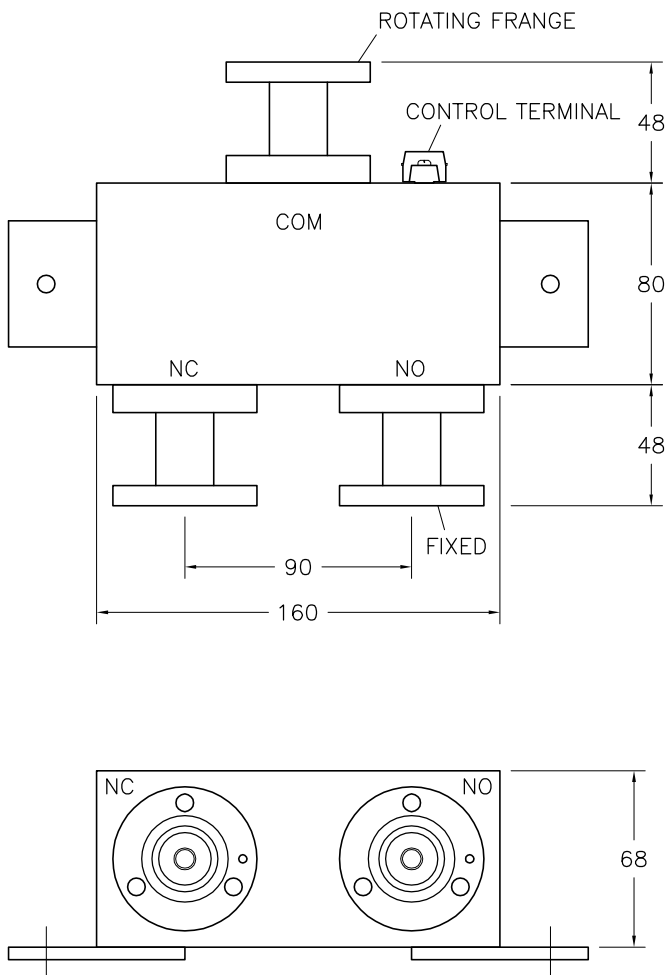


Coaxial Relay

- ★ Low Insertion Loss
- ★ High Isolation
- ★ High Speed Switching

CX-100

CD manufactures a broad line of coaxial relays for use where circuit currents must be contained completely within a coax system. Coaxial relays have high power handling capabilities at frequencies up to 200 MHz. Coaxial relays and switches have characteristics that are well suited to airborne, marine and mobile communication systems, as well as fixed installations. Applications for these units include high speed switching from omnidirectional to directional antennas, transmit-receive switching, and switching between transmitters for standby control. Other applications include crossbar matrices and switching trees, CCTV, CATV, and microwave telemetry and data acquisition links, as well as general coaxial instrumentation.



SPECIFICATIONS

FREQUENCY	0~30MHz
POWER CAPABILITY CW/PEP	10kW/20kW
IMPEDANCE	50 OHMS
VSWR	LESS THAN 1.1 : 1
ISOLATION	LESS THAN -40dB
INSERTION LOSS	LESS THAN 0.1dB
CONNECTOR	7/8" EIA. FEMALE
POWER REQUIREMENT	26~28VDC. 0.1A
OPERATION TIME	LESS THAN 20m/s
TEMPERATURE RANGE	-20 to +70 °C
OPERATING POSITION	ANY
WEIGHT APPROX.	2kg

NOTES: DIMENSIONS ARE IN MILLIMETERS

Coaxial Relay, CX-100

DWR.027