



INCHES (MILLIMETERS)
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

Twin-Ax Jack to Jack Adapter



CP-TX-65

Twinax Series

Specifications



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The Twinax Series connector is a medium-size unit with a 3/4-20 threaded coupling mechanism. The connectors are designed for use in IBM 34, 36 and 38 installations where they find wide applications as the standard termination for the twinaxial cable used to interconnect the host computer system and peripheral equipment. A keyway is used to achieve the required polarization. The connector is designed for use with 93 Ohm cable.

ELECTRICAL CHARACTERISTICS

Impedance: 95 Ohm nominal

Frequency range: 0-200 MHz usable to 500 MHz

Voltage rating: 500 volts peak

Insulation resistance: $>5 \times 10^9$, contact to contact and body to body

ENVIRONMENTAL CHARACTERISTICS

Thermal Limits: -67° to + 185°F (-55° to 85°C)

MECHANICAL CHARACTERISTICS

Mating: Keyway polarization, 3/4 -20 threaded coupling

Cable affixment (braid or jacket): Screw-thread nut and braid clamp

MATERIALS

Body: Zinc

Contact: Male: brass/nickel, gold plated

Female: beryllium copper, gold plated

Other metal parts: Brass: nickel

Insulator: TPX Polymethylpentene

* These values are typical and may not apply to all connectors.