



KINTRONIC LABS

an ISO 9001 registered company

Solutions for FM Translator Installed on an AM Tower



FMC-1.5 Isocoupler
 Single Frequency Operation
 AM Capacitance < 100 pF



FM Isolation Inductor
 ISO-100-FM-78EIA

Isocoils

Model	FM Band Insertion Loss (dB)	Max FM Power (W)	Available Connectors	Peak AM Voltage (kV)
ISO-130-FM	1.15 – 1.26	350	N Female	20
ISO-170-FM	0.8 – 0.9	1000	N or 7/16 DIN Female	20
ISO-100-FM	0.4	3000	7/8" EIA	20

Isocouplers

Model	Insertion Loss (dB)	Max FM Power (kW)	Available Connectors	Peak AM Voltage (kV)
FMC-1.5	<0.2	0.6 / 1.5	N Female / 7/8" EIA	18
FMC-1.5-DIN	<0.2	1.5	7/16 DIN	18

High Impedance Models (Over 4,000 Ohms)

Model Number	Frequency Range (kHz)	Peak AM RF Voltage (kV)
ISO-130-FM-NA	530-590	8
ISO-130-FM-NB	600-650	8
ISO-130-FM-NC	660-710	8
ISO-130-FM-ND	720-790	10
ISO-130-FM-NE	800-1710	20
ISO-170-FM-RL	530-720	20
ISO-170-FM-RU	730-1710	20



ISO-130 & ISO-170 FM Isolation Inductors - All Band Operation