



# KINTRONIC LABS

an ISO 9001 registered company

## FM Motorized Coaxial Switches



### CS-FM0.5KN

**Connectors:** Type N  
**Frequency Range:** DC to 862MHz  
**Insertion Loss:** < 0.05 dB  
**Input/Output Impedance:** 50 ohms  
**Operating Voltage:** 110-220Vac;  
50/60Hz  
**Control Voltage:** 24Vdc  
**Switch-over Time:** < 1 second  
**Return Loss:** > 40 dB  
**Isolation:** > 80 dB  
**Max FM Power:** 500 W  
**Temp. Range:** 14 – 122°F  
**Overall Dims with Flanges:**  
4.9" W x 4.9" D x 6.3" H  
**Weight:** 4 Lbs

### CS-FM2K716DIN

**Connectors:** 7/16 DIN  
**Frequency Range:** DC to 862MHz  
**Insertion Loss:** < 0.05 dB  
**Input/Output Impedance:** 50 ohms  
**Operating Voltage:** 110-220Vac;  
50/60Hz  
**Control Voltage:** 24 Vdc  
**Switch-over Time:** < 1 second  
**Return Loss:** > 40 dB  
**Isolation:** > 80 dB  
**Max FM Power:** 2 kW  
**Temp. Range:** 14 – 122°F  
**Overall Dims with Flanges:**  
4.69" W x 4.69" D x 6.3" H  
**Weight:** 4 Lbs

### CS-FM5K78EIA

**Connectors:** 7/8 EIA  
**Frequency Range:** DC to 862MHz  
**Insertion Loss:** < 0.05 dB  
**Input/Output Impedance:** 50 ohms  
**Operating Voltage:** 110-220Vac;  
50/60Hz  
**Control Voltage:** 5, 12 or 24 Vdc  
**Switch-over Time:** < 1 second  
**Return Loss:** > 40 dB  
**Isolation:** > 80 dB  
**Max FM Power:** 5 kW  
**Temp. Range:** 14 – 122°F  
**Overall Dims with Flanges:**  
6.57" W x 6.57" D x 6.3" H  
**Weight:** 5.5 Lbs



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## CS-FM10K158EIA

**Connectors:** 1-5/8 EIA  
**Frequency Range:** DC to 862MHz  
**Insertion Loss:** < 0.05 dB  
**Input/Output Impedance:** 50 ohms  
**Operating Voltage:** 220Vac; 50/60Hz  
**Control Voltage:** 5, 12 or 24 Vdc  
**Switch-over Time:** < 3.3 seconds  
**Return Loss:** > 40 dB  
**Isolation:** > 80 dB  
**Max FM Power:** 10 kW  
**Temp. Range:** 14 – 122°F  
**Overall Dims with Flanges:**  
8.03" W x 8.03" D x 11.48" H  
**Weight:** 14 Lbs



## CS-FM40K318EIA

**Connectors:** 3-1/8 EIA  
**Frequency Range:** DC to 862MHz  
**Insertion Loss:** < 0.05 dB  
**Input/Output Impedance:** 50 ohms  
**Operating Voltage:** 220Vac;  
50/60Hz  
**Control Voltage:** 5, 12 or 24 Vdc  
**Switch-over Time:** < 3.3 seconds  
**Return Loss:** > 40 dB  
**Isolation:** > 75 dB  
**Max FM Power:** 40 kW  
**Temp. Range:** 14 – 122°F  
**Overall Dims with Flanges:**  
10.93" W x 10.93" D x 13.78" H  
**Weight:** 31 Lbs



## CS-FM85K412EIA

**Connectors:** 4-1/2 EIA  
**Frequency Range:** DC to 862MHz  
**Insertion Loss:** < 0.05 dB  
**Input/Output Impedance:** 50 ohms  
**Operating Voltage:** 220Vac; 50/60Hz  
**Control Voltage:** 5, 12 or 24 Vdc  
**Switch-over Time:** < 3.3 seconds  
**Return Loss:** > 40 dB  
**Isolation:** > 75 dB  
**Max FM Power:** 85 kW  
**Temp. Range:** 14 – 122°F  
**Overall Dims with Flanges:**  
14.37" W x 14.37" D x 18.11" H  
**Weight:** 64 Lbs