

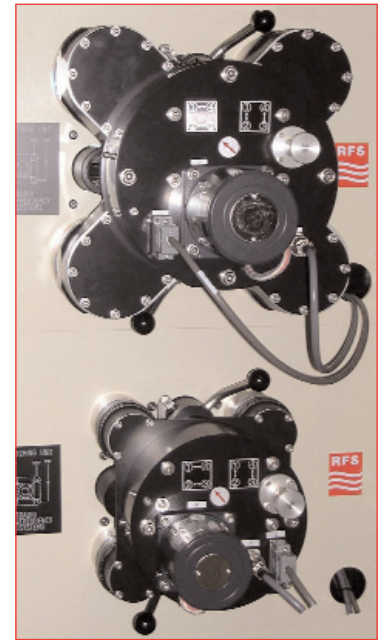
**Motorised Coaxial Switches**

**Product Description**

Motorised coaxial switches are used in numerous applications in broadcast networks. RFS presents a range of motorised switches to enhance its range of quick release U-links and manual switching devices to allow for automatic and remote switching applications. This series of motorised switches has been designed specifically for use with RFS 4-port U-link panels and is interchangeable with RFS quick release U-Links. Currently RFS has motorised switches available in the most common line sizes of 1-5/8" and 3-1/8".

**Features/Benefits**

- High reliability with excellent mechanical and electrical performance
- Panel mount with quick release facility
- Wide bandwidth (DC - 862 MHz)
- High Power handling capability
- Motor driven rotary type featuring high speed switching time within 0.2 seconds
- Manual operation possible
- Low VSWR
- High Isolation
- Optional automatic and/or remote capability
- Reduces number of U-Link ports required
- Interchangeable with RFS quick release U-Links
- 1-5/8" and 3-1/8" unflanged socket connector versions



**Technical Features**

Model	158CS	318CS
Application	Panel mount Motorised Coaxial Switch	Panel mount Motorised Coaxial Switch
Switching type	Contact type	Contact type
Frequency Range	DC - 862MHz	DC- 862 MHz
Impedance	50 Ohm	50 Ohm
VSWR	<1.05	<1.05
Insertion Loss	<0.1dB	<0.1dB
Isolation	>70dB	>70dB
Power rating (@ 665MHz)	8kW	16kW
Working Voltage	4.5kV	7kV
RF Connectors (unflanged socket)	4 x 1-5/8"	4 x 3-1/8"
Switching Time	0.2 secs max	0.2 secs max
Operation per minute	20 times max	20 times max
Power supply	230VAC+/-10% 50/60 Hz	230VAC+/-10% 50/60 Hz
Power consumption (max)	360W	360W
Operating Temperature	0 to +50 degrees C	0 to +50 degrees C
Number of Interlock Circuits	2 per coax switch position	2 per coax switch position
Weight	9 kg approx	17 kg approx

All information contained in the present brochure is subject to confirmation at time of ordering