



RF Components

Directional Couplers, Patch Panels, Switches, RF Loads, Waveguide Elbows

WS Series

Waveguide Motorized Switches

ERI WS series Waveguide motorized switches are designed for operation within UHF broadcast systems. The switches are engineered to provide high capability and long life. A Geneva drive mechanism provides exact 90 degree rotation of the contacts. The switch drive can be powered by either 115 VAC or 230 VAC. Control voltage can be either 12 VDC or 24 VDC. Manual operation is provided via a 9/16" socket head that is accessible through a hole in the switch case. If power to the drive is interrupted, the control circuit provides involatile memory so that the switch either holds its position or continues its transition upon re-application of AC power.



Common Features

- <1.03:1 VSWR (Single Channel)
- 240 Kw Average Power Rating
- 50 ohms Impedance
- 0.06 dB Max. Insertion Loss
- 70 dB Min. Isolation

WS Series UHF Waveguide Motorized Transfer Switches

Part Number	Waveguide Size	Plane	Frequency Range
WS104	WR1150	E	640-860 MHz
WS106	WR1150	H	640-860 MHz
WS503	WR1500	E	490-700 MHz
WS508	WR1500	H	490-700 MHz
WS801	WR1800	E	470-625 MHz

NOTE: Consult ERI for Higher Power Ratings