



Since 1961

**NOW AVAILABLE WITH OUR LOGUS 1 DRIVE**

# Miniature Housing

## WAVEGUIDE

# SWITCHES

Now Available, Reduced Size Housings, Reduced Current requirements, Faster Switching Times, Higher Reliability, all with superb RF characteristics. Offered with SPDT, DPDT (Transfer), & SP3T RF Paths.

As part of the family of standard **MM** (Protected Environment & **MW** (Weatherized) Drive Series available from Logus, you can design a switch to meet your demands. The Patented LOGUS 1 Motor design provides both positive Magnetic Latching as well as Efficient Failsafe Versions.

### MINI WR229 DUAL's - USED FOR SATCOM REDUNDANT LNA ASSEMBLIES



### ULTRA LOW LOSS WR137 USED FOR H / V SWITCHOVER



AVAILABLE IN, SMA, 'N', BNC, TNC, & 'F' CONNECTOR STYLES

#### RF Specifications

EIA-WR SIZE	FREQUENCY RANGE	VSWR (MAX)	INS. LOSS (MAX)	ISOLATION (MIN)
WR137	5.85 - 8.20 GHz	1.05 : 1	.02 DB	70 db
WR187	3.95 - 5.85 GHz	1.10 : 1	.08 db	70 db
WR229	3.70 - 4.20 GHz	1.04 : 1	.03 db	80 db
WR284	2.60 - 3.95 GHz	1.05 : 1	.02 db	80 db

Options include; Latching or Failsafe, 12-48 VDC, 115 & 230 VAC, TTL controlled (high or low), multiple Position Indicator & Inhibit circuits, Flipped or Flat Flanges, Dual WG/Coax, Manual override Knobs, MS, or other specified control Connectors, ..... AS ALWAYS LOGUS OFFERS ALL THESE FEATURES IN OUR COMPLETE LINE OF WAVEGUIDE, WAVEGUIDE, MINIATURE HOUSING WAVEGUIDE, HALF HEIGHT WAVEGUIDE, and COAXIAL SWITCHES

**LOGUS MICROWAVE**  
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