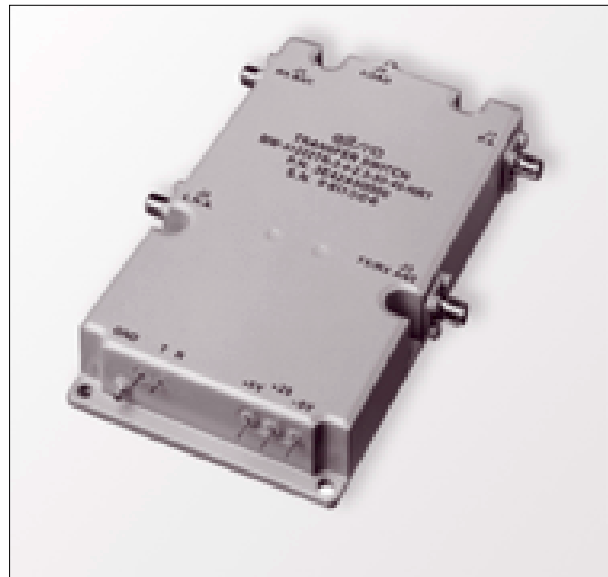


Cellular PCS and ISM Applications

HIGH POWER

PIN Diode Switches

- ▶ 200W Average and 2000W Peak Power
- ▶ SPST Through SP8T Configuration
- ▶ Low Loss, High Isolation
- ▶ Compact and Lightweight
- ▶ Highly Reliable MIC Technology
- ▶ Integral TTL Driver
- ▶ Special Heat Dissipation Methodology
- ▶ N-type, TNC or SMA Standard Port Connections



GENERAL INFORMATION

Elisra Cellular PCS and ISM High Power PIN Diode Switches offers 200 Watt average power handling capability covering frequency bands of cellular and PCS and ISM systems.

GENERAL SPECIFICATIONS

Configuration	Reflective
Switching Type	Cold Switching
Switching Speed	10 msec. Typ.
Voltage Supplies	+5V; -15V

OPTIONS

- ▶ 2.4 – 2.5 GHz Frequency Band
- ▶ Non-Reflective Configuration
- ▶ Transfer Switch Configuration
- ▶ Faster Switch Speeds

SPECIFICATIONS

High Power Switches

Model Number	Configuration	Frequency Range	Power Handling Av/Peak (Watt)	Insertion (Loss) (MHz)	Isolation typ./min. (dB)
MWP- 41211-CEL	SPST	824-960	200/2000	0.4/0.6	35/30
MWP- 41212-CEL	SPDT	824-960	200/2000	0.5/0.7	35/30
MWP- 41213-CEL	SP3T	824-960	200/2000	0.5/0.7	35/30
MWP- 41214-CEL	SP4T	824-960	200/2000	0.6/0.8	35/30
MWP- 41215-CEL	SP5T	824-960	200/2000	0.6/0.8	35/30
MWP- 41216-CEL	SP6T	824-960	200/2000	0.7/0.9	35/30
MWP- 41217-CEL	SP7T	824-960	200/2000	0.7/0.9	35/30
MWP- 41218-CEL	SP8T	824-960	200/2000	0.8/1.0	35/30
MWP- 41211-PCS	SPST	1850-2150	200/2000	0.6/0/8	30/25
MWP- 41212-PCS	SPDT	1850-2150	200/2000	0.7/0.9	30/25
MWP- 41213-PCS	SP3T	1850-2150	200/2000	0.7/0.9	30/25
MWP- 41214-PCS	SP4T	1850-2150	200/2000	0.8/1.0	30/25
MWP- 41215-PCS	SP5T	1850-2150	200/2000	0.8/1.0	30/25
MWP- 41216-PCS	SP6T	1850-2150	200/2000	0.9/1.1	30/25
MWP- 41217-PCS	SP7T	1850-2150	200/2000	0.9/1.1	30/25
MWP- 41218-PCS	SP8T	1850-2150	200/2000	1.0/1.2	30/25