

DPDT up to 40 GHz
SMA - SMA2.9 - QMA - SMB - SMC - DIN 1.6/5.6

COAXIAL SWITCHES



Radiall's DPDT switches offer excellent reliability, high performance and operating frequencies from DC to 40 GHz. Radiall's RAMSES concept guarantees a life span of 2.5 million cycles and provides a full array of options to respond to the needs of our customers.

These relays are well suited to applications across all markets including: Defense, Instrumentation, and Telecom.

Example of P/N:

R577F63105 is a DPDT SMA 26.5 GHz latching with Indicators, Self Cut-Off, 28 Vdc, TTL driver, D-Sub connector.

PART NUMBER SELECTION

R 577

RF Connectors:

- 3: SMA up to 3 GHz
- E: QMA up to 6 GHz
- 4: SMA up to 18 GHz (4)
- F: SMA up to 26.5 GHz
- 8: SMA2.9 up to 40 GHz (5)
- 9: DIN 1.6/5.6 up to 2.5 GHz

Type:

- 1: Failsafe
- 2: Failsafe + I.C.
- 3: Latching
- 4: Latching + I.C.
- 5: Latching + S.C.O. (1)
- 6: Latching + S.C.O. + I.C. (1)

Actuator Voltage:

- 2: 12 Vdc
- 3: 28 Vdc

Actuator Terminals and fixing:

- 0: Solder pins with bracket
- 2: Solder pins without bracket
- 5: D-Sub connector with bracket
- 7: D-Sub connector without bracket

Options:

- 0: Without option
- 1: Positive common (2) (3)
- 3: With suppression diodes (1)
- 4: With suppression diodes and positive common (2) (3)

TTL Option:

- 0: without TTL Driver
- 1: with TTL Driver (high level) (1) (2)

I.C.: Indicator contact - S.C.O.: Self Cut-Off
 1: Suppression diodes are already included in self cut-off & TTL option
 2: Polarity is not relevant to application for switches with TTL driver
 3: Positive common shall be specified only with type 3,4,5 & 6 because failsafe switches can be used with both polarities

(4): The QLF trademark (Quick Lock Formula®) standard applies to QMA and QN series and guarantees the full intermateability between suppliers using this trademark. Using QLF certified connectors also guarantees the specified level of RF performances.

(5): Connector SMA2.9 is equivalent to "K connector®", registered trademark of Anritsu.

