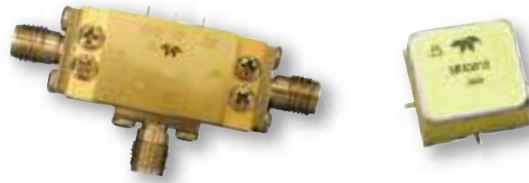




High Performance Switches
Typical and Guaranteed Specifications—50 Ω System



| Model | Frequency Range MHz | Insertion Loss dB | | | Isolation dB | | SWR Input/Output dB | | | Power Output At 1dB Compression Min. dBm | | | Intercept Point dBm 3rd/2nd Typ. | Switching Time (Rise/Fall) (nsec) | | D.C. | |
|--|----------------------------|-------------------|------------|--------------|--------------|--------------|---------------------|------------|--------------|--|------------|--------------|-------------------------------------|-----------------------------------|--------------|-------|---------|
| | | Typ. | Max. 0/50C | Max. -55/85C | Min. 0/50C | Min. -55/85C | Typ. | Max. 0/50C | Max. -55/85C | Typ. | Min. 0/50C | Min. -55/85C | | Max. 0/50C | Max. -55/85C | Volts | mA Typ. |
| Available in TO-8B, SMT0-8B SMA or 10-pin Gullwing Packages | | | | | | | | | | | | | | | | | |
| SJ1010 | 5-100 | <0.7 | 1.0 | 1.2 | 45.0 | 43.0 | <1.1 | 1.3 | 1.4 | — | — | — | 38/56 | — | — | 5 | 5 |
| | 100-500 | <1.0 | 1.3 | 1.5 | 35.0 | 34.0 | <1.1 | 1.3 | 1.4 | >19.0 | 18.0 | 17.0 | 49/60 | 20 | 40 | | |
| | 500-1000 | <1.5 | 1.8 | 2.0 | 28.0 | 27.0 | <1.3 | 1.5 | 1.6 | >24.0 | 24.0 | 23.0 | 49/65 | 20 | 40 | | |
| SRS3019 | 5-500 | <1.0 | 1.3 | 1.5 | 38.0 | 36.0 | <1.15 | 1.3 | 1.4 | 28.0 | 25.0 | 24.0 | 42/66 | 1000 | 1200 | ±15 | 22 |
| | 500-2000 | <1.2 | 1.5 | 1.6 | 30.0 | 28.0 | <1.3 | 1.5 | 1.6 | 28.0 | 25.0 | 24.0 | 41/62 | 1000 | 1200 | | |
| | 2000-3000 | <1.5 | 1.9 | 2.1 | 28.0 | 26.0 | <1.7 | 1.9 | 2.0 | 28.0 | 25.0 | 24.0 | 40/65 | 1000 | 1200 | | |
| S2CP20101 | D.C.-500 | 0.9 | 1.5 | 1.8 | 65 | 62 | 1.3 | 1.4 | 1.5 | 22 | — | — | — | 1250/50 | 1300/60 | -5.0 | 5 |
| | 500-18000 | 1.8 | 3.0 | 3.2 | 70 | 68 | 1.3 | 1.8 | 2.0 | 24 | — | — | — | | | | |
| | Non-Reflective 18000-21000 | 2.6 | 3.3 | 3.5 | 70 | 68 | 1.4 | 1.7 | 2.0 | 22 | — | — | — | | | | |
| S2CP20201 | D.C.-500 | 1.5 | 1.8 | 2.0 | 63 | 60 | 1.3 | 1.5 | 1.7 | 22 | — | — | — | 1250/50 | 1300/60 | -5.0 | 5 |
| | 500-18000 | 2.2 | 3.5 | 3.7 | 45 | 42 | 1.3 | 1.8 | 2.0 | 24 | — | — | — | | | | |
| | Non-Reflective 18000-21000 | 3.0 | 3.8 | 4.0 | 45 | 42 | 1.4 | 1.8 | 2.0 | 22 | — | — | — | | | | |

Current data sheets available on website.