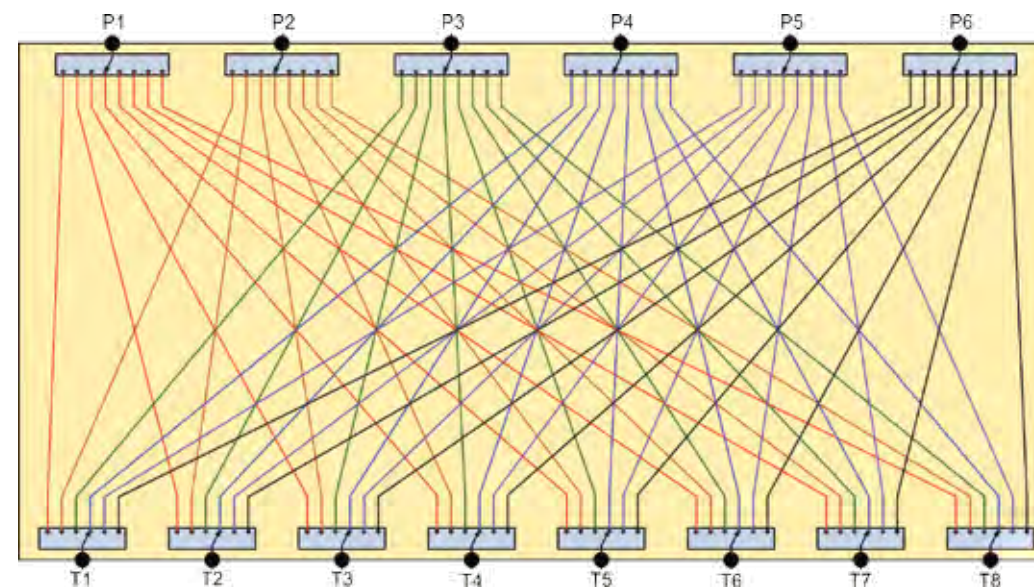




Rear Panel

Functional Schematic of 6 x 8 Port RF Switch Matrix



## ZT-175 2-8 GHz 6x8 RF Switch Matrix

### Functional Description

This flexible switch matrix employs a sophisticated switching network to allow signal from any of the 6 RF inputs on the rear panel to be routed to any of the 8 RF outputs on the front panel. Controlled via USB or Ethernet, the assembly features Mini-Circuits' patented electromechanical SP6T switches with low loss, high isolation and extra long switching life. This design gives operators full control over up to 48 unique signal paths, ideal for many situations where routing complex signal traffic for various setups is needed.

### Electrical Performance

PARAMETER	Units	SPECIFICATIONS		
		Min.	Typ.	Max.
Frequency Range	GHz	2	-	8
Typical Path Insertion Loss	dB	-	4.0	-
Typical Path VSWR	dB	-	1.4:1	-
Typical Isolation	dB	-	85	-

ZT-175 Curves

