

## Introduction

This guide contains relay installation and system configuration information for the S46L Microwave Switch System that is necessary after installing new relays. To install a relay, refer to [Relay kits](#) for a description of the kits and then follow the applicable installation instructions.

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**WARNING** The information in this section is only intended for qualified service personnel. Do not attempt to replace parts or otherwise service the equipment unless you are qualified to do so.

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## Relay kits

[Table 1](#) summarizes available relay kits and part numbers.

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**WARNING** Use only the parts specified in [Table 1](#) when servicing the equipment. Use of improper parts may expose the operator to hazardous voltages that could result in personal injury or death.

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**Table 1: S46L relay kits**

Relay kit model number	Description	Relay location	Kit parts summary (quantity)	Keithley part number	Installation reference
S46L-SPDT-KIT-L	20 GHz SPDT	1 to 4	SPDT terminated relay (1)	RL-360	<a href="#">SPDT relay 1 through 4 installation on page 2</a>
			Connecting cable (1)	S46-350	
S46L-SP6T-KIT-T	18 GHz SP6T	A to D	4-40 x1/4 PPHSEM screws (2)	4-40X1/4PPHSEM	<a href="#">Relays A through D installation on page 4</a>
			4-40 x3/8 PFH screws (4)	4-40x3/8PFH	
			SP6T terminated relay (1)	RL-259	
			Ribbon cable (1)	CA-566B	

## Installation

Before installing the relays, remove the screws that secure the S46L top cover, and then remove the cover.







