



## Don't be COAXed into Testing Your Oscilloscopes with Anything Else

Willow Technologies Ltd. ([www.willow.co.uk](http://www.willow.co.uk)), authorised Teledyne Relays European representative and stockist, introduces the CCT-49K, an internally terminated broadband 40GHz, latching, multi-throw, electromechanical coaxial switch designed to switch from a common input to any of 3, 4, 5, or 6 outputs.

The CCT-49K comes with a latching actuator. The latching switch remains in the last position selected when the switch is de-energized. STD dual command requires a reset pulse before a new selected position. A separate reset circuit allows all positions to be set to an open position. The user must provide both reset (clear) and set (select new position) commands.



John Merrill, Product Manager Relays at Willow commented “This type of switch is widely used in signal routing applications where high frequency, high power and great RF performances are required. Oscilloscope testing is just one example of where Coax switches are invaluable.”

The CCT-49K Series switches are small and use the popular connector spacing on a 1.062” dia circle. Random position selection has been made possible because each position has an individual actuator mechanism. **This feature minimises switching time.** The CCT-49K has characteristic impedance of 50 Ohms and incorporates 2.92mm high performance connectors. The internal terminations provide an impedance match for the unselected ports.

Measuring 5.72 x 5.72 x 6.35cm the CCT49K Coaxial Switch has a maximum weight of 170.1g. As with most of the Teledyne Relay and Coaxial Switch range, Willow stock and replenish stock in line with demand.

“Willow have represented Teledyne for many years, their RF & Microwave switching solutions for ATE, SATCOM, military and space applications are all of the highest quality and their wide range Coaxial and RF switch matrices, with low insertion loss and high isolation across broad bandwidths (from DC-40GHz) mean users need look no further!” Concluded Merrill.

[Click here to view the datasheet](#)



### About Willow Technologies Limited

Founded in 1989, Willow Technologies is located in Copthorne, West Sussex in the UK. We provide electronic solutions to customers by designing, manufacturing and supplying components and systems globally to the electrical and electronic marketplace. Specialists in switching, sensing, resistive and hermetic seal solutions we have a wide portfolio of sensing technologies and over 60 years of application experience. Our in-house engineering capability and rapid prototyping facility for custom parts enable us to develop products to match specific application requirements. Willow is ISO9001:2000 registered.

### For further information please contact:

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