

Electro Mechanical Switches (Coax With Termination)

FEATURES:

- ❖ Switches with integral TTL
- ❖ Switches with light indicator
- ❖ Available from DC to 65GHz
- ❖ Low Insertion Loss
- ❖ SP2T to SP4T & DPDT

APPLICATIONS:

- ❖ Test Equipment
- ❖ Communication Systems
- ❖ Pulse Modulation
- ❖ Signal Switching.



CSM Series

DESCRIPTION:

Cernex's CSM series Electro Mechanical Switches with and without TTL have very low insertion loss and high isolation. These switches are very durable and work reliably in all systems.

SPECIFICATIONS:

Model Number	Frequency Range (GHz)	I.L (Max)	ISO (Max)	VSWR	Power	Switching Mode	Connector	DC Interface / 12V	TTL	Light Indicator
SP2T										
CSMDC18046028F02T	DC-18	0.4	60	1.4:1	50	Failsafe	SMA-F	Solder Term	NO	NO
CSMDC18046028F12T	DC-18	0.4	60	1.4:1	50	Failsafe	SMA-F	Solder Term	YES	NO
CSMDC18046028F02T	DC-18	0.4	60	1.4:1	50	Failsafe	SMA-F	DSUB9-M	NO	NO
CSMDC18046028F12T	DC-18	0.4	60	1.4:1	50	Failsafe	SMA-F	DSUB9-M	YES	NO
CSMDC18046028F02T	DC-18	0.4	60	1.4:1	50	Failsafe	SMA-F	Solder Term	NO	YES
CSMDC18046028F12T	DC-18	0.4	60	1.4:1	50	Failsafe	SMA-F	Solder Term	YES	YES
CSMDC18046028F02T	DC-18	0.4	60	1.4:1	50	Failsafe	SMA-F	DSUB9-M	NO	YES
CSMDC18046028F12T	DC-18	0.4	60	1.4:1	50	Failsafe	SMA-F	DSUB9-M	YES	YES
CSMDC18046028L02T	DC-18	0.4	60	1.4:1	50	Latching	SMA-F	Solder Term	NO	NO
CSMDC18046028L12T	DC-18	0.4	60	1.4:1	50	Latching	SMA-F	Solder Term	YES	NO
CSMDC18046028L02T	DC-18	0.4	60	1.4:1	50	Latching	SMA-F	DSUB9-M	NO	NO
CSMDC18046028L12T	DC-18	0.4	60	1.4:1	50	Latching	SMA-F	DSUB9-M	YES	NO
CSMDC18046028L12T	DC-18	0.4	60	1.4:1	50	Latching	SMA-F	Solder Term	YES	YES
CSMDC18046028L12T	DC-18	0.4	60	1.4:1	50	Latching	SMA-F	DSUB9-M	YES	YES
CSMDC40105028F02T	DC-40	1.0	50	2.0:1	8	Failsafe	2.92-F	Solder Term	NO	NO
CSMDC40105028F12T	DC-40	1.0	50	2.0:1	8	Failsafe	2.92-F	Solder Term	YES	NO
CSMDC40105028F02T	DC-40	1.0	50	2.0:1	8	Failsafe	2.92-F	DSUB9-M	NO	NO
CSMDC40105028F12T	DC-40	1.0	50	2.0:1	8	Failsafe	SMA-F	DSUB9-M	YES	NO
CSMDC40105028F02T	DC-40	1.0	50	2.0:1	8	Failsafe	2.92-F	Solder Term	NO	YES



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SP2T										
CSMDC40105028F12T	DC-40	1.0	50	2.0:1	8	Failsafe	2.92-F	Solder Term	YES	YES
CSMDC40105028F02T	DC-40	1.0	50	2.0:1	8	Failsafe	2.92-F	DSUB9-M	NO	YES
CSMDC40105028F12T	DC-40	1.0	50	2.0:1	8	Failsafe	2.92-F	DSUB9-M	YES	YES
CSMDC40105028L02T	DC-40	1.0	50	2.0:1	8	Latching	2.92-F	DSUB9-M	NO	NO
CSMDC40105028L12T	DC-40	1.0	50	2.0:1	8	Latching	2.92-F	Solder Term	YES	NO
CSMDC40105028L02T	DC-40	1.0	50	2.0:1	8	Latching	2.92-F	DSUB9-M	NO	NO
CSMDC40105028L12T	DC-40	1.0	50	2.0:1	8	Latching	2.92-F	DSUB9-M	YES	NO
CSMDC40105028L12T	DC-40	1.0	50	2.0:1	8	Latching	2.92-F	Solder Term	YES	YES
CSMDC40105028L12T	DC-40	1.0	50	2.0:1	8	Latching	2.92-F	DSUB9-M	YES	YES
SP3T										
CSMDC18056028N03T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	NO	NO
CSMDC18056028N13T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	NO
CSMDC18056028N13T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	YES
CSMDC18056028L03T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	NO	NO
CSMDC18056028L13T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	YES	NO
CSMDC18056028L13T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	YES	YES
SP4T										
CSMDC18056028N04T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	NO	NO
CSMDC18056028N14T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	NO
CSMDC18056028N14T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	YES
CSMDC18056028L04T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	NO	NO
CSMDC18056028L14T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	YES	NO
CSMDC18056028L14T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	YES	YES
SP5T										
CSMDC18056028N05T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	NO	NO
CSMDC18056028N15T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	NO
CSMDC18056028N15T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	YES
CSMDC18056028L05T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	NO	NO
CSMDC18056028L05T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	YES	NO
CSMDC18056028L15T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	YES	YES
SP6T										
CSMDC18056028N06T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	NO	NO
CSMDC18056028N16T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	NO
CSMDC18056028N16T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	YES
CSMDC18056028L06T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	NO	NO
CSMDC18056028L16T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	YES	NO
CSMDC18056028L16T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	YES	YES

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SP7T										
CSMDC18056028N07T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	NO	NO
CSMDC18056028N17T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	NO
CSMDC18056028L07T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	NO	NO
SP8T										
CSMDC18056028N08T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	NO	NO
CSMDC18056028N18T	DC-18	0.5	60	1.5:1	45	Normally Open	SMA-F	DSUB9-M	YES	NO
CSMDC18056028L08T	DC-18	0.5	60	1.5:1	45	Latching	SMA-F	DSUB9-M	NO	NO

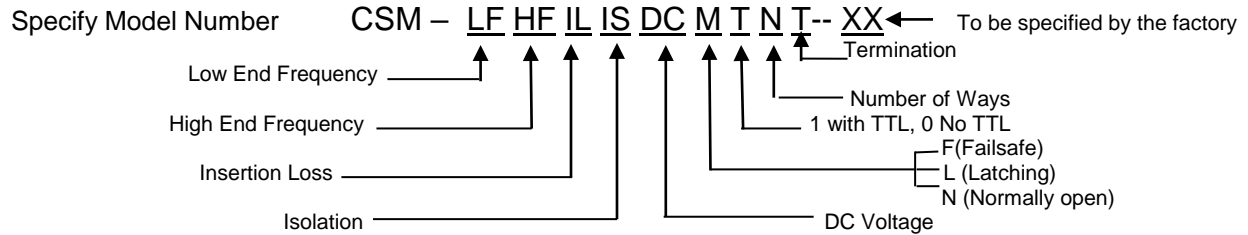
ALL THE ABOVE SPECIFICATIONS ARE @ 25°C
OTHER FREQUENCY BANDS ARE ALSO AVAILABLE.

NOTES: SWITCHING SPEED IS 15ms

LIFE CYCLE: 5 MILLION CYCLES FOR SPDT. 2 MILLION CYCLES FOR DC-40GHz SP3T-SP6T

1 MILLION CYCLES FOR SP7T-SP8T

HOW TO ORDER:



CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE