



Commercial CCS-47

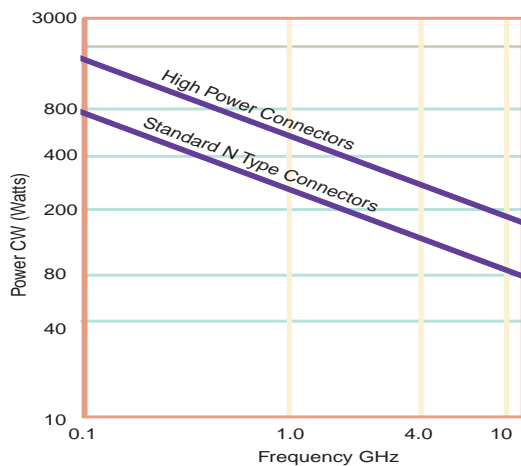
High Power Transfer DC-12GHz

Failsafe

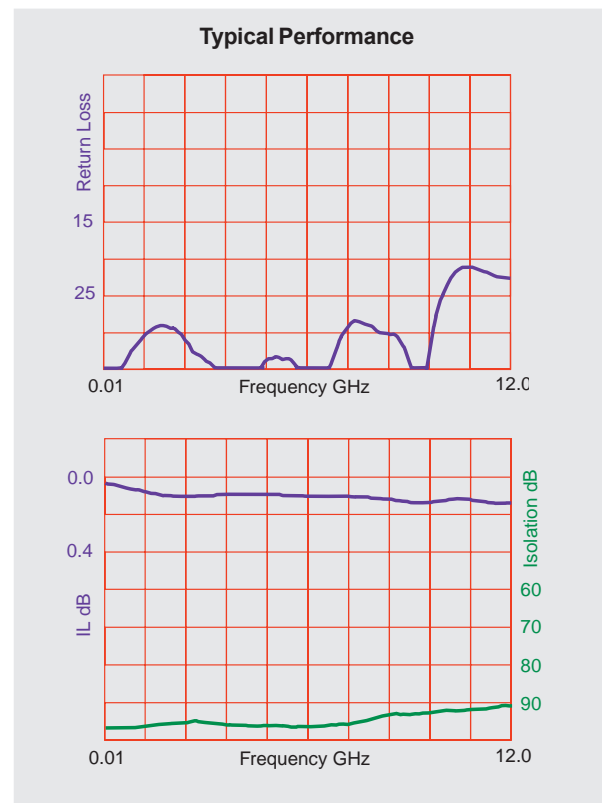
The Type CCS-47 is a long life, high performance transfer or crossover switch designed for use in 50 Ohms coaxial transmission lines. The switch is available with either failsafe or latching type actuation operating from a variety of voltage supplies. The primary advantage of this switch over the miniature versions shown on previous pages, is the higher power handling capability.

Specifications

RF Contacts:	Break before make			
Actuator	Voltage (VDC) 20°C	12	15	28
	Current (mA)	600	480	250
Switching Time:	30 msec max			
Connectors:	N-Type (f), TNC (f)(max frequency 11GHz only) or SMA(f)			
Weight:	6 oz. max			
Temperature Range:	-25°C to +65°C (Operating)			
Shock:	MIL-STD-202 Method 213, Condition D (500G Non Operating)			
Vibration:	MIL-STD-202 Method 214, Condition D (10G RMS Non Operating)			
Humidity:	Moisture Seal Available			
MTBF:	6.8 Million Hours (MIL-HDBK-217F Fixed, 25°C, <1 Cycle per hour)			
RF Power Handling:				



Specifications	DC-1 GHz	1-4 GHz	4-12 GHz
VSWR (max)	1.25:1	1.40:1	1.80:1
Insertion Loss (min)	0.30 dB	0.40 dB	0.50 dB
Isolation (max)	70.0 dB	60.0 dB	60.0 dB



A Unit of Teledyne Electronics and Communications

Specifications subject to change without notice.

www.rfswitches.com
email: switches@teledyne.com

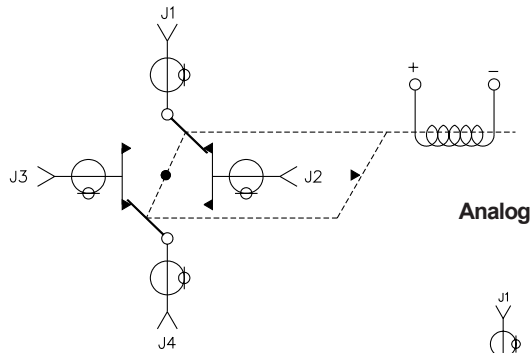
Tel: 800-284-7007

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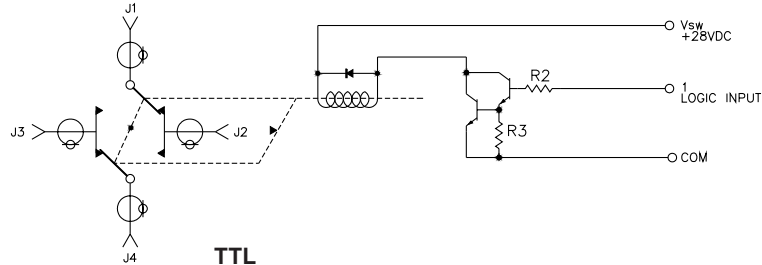
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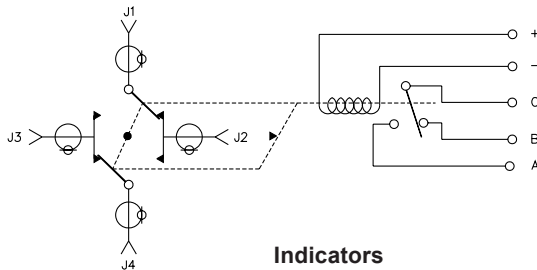
Failsafe



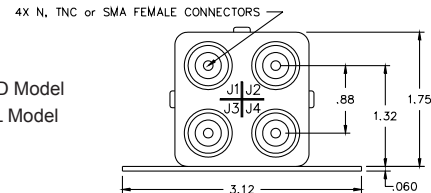
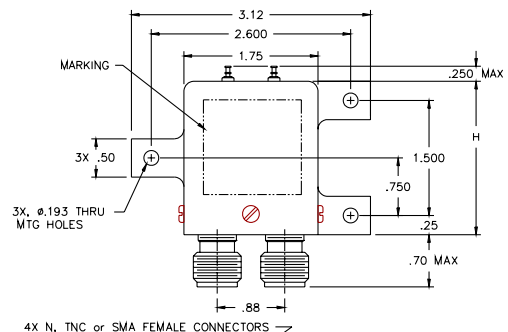
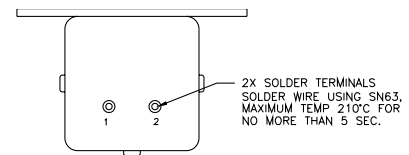
Analog



TTL

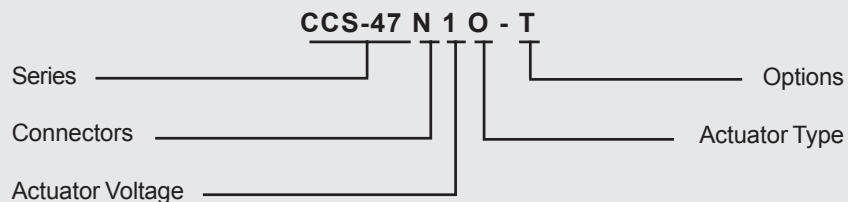


Indicators



H = 2.10 STD Model
H = 2.60 TTL Model

Part Numbering System for CCS-47 (Failsafe)



Connector

S: SMA Female
N: N Type Female
T: TNC Female(11GHz)

Actuator Voltage

1: 28Vdc Failsafe
2: 15Vdc Failsafe
3: 12Vdc Failsafe

Actuator Type

O: No Indicator Contacts
C: Indicator Contacts

Options

T: TTL Drivers with Diodes
R: Positive + Common

For other options contact Factory



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