

1-STUB BUS COUPLER

Tech Note: Transformer ratio 1.41:1 and stub resistor value 59 ohm, 2W 1% are most common. Single terminated and dual terminated couplers employ 78.7 ohm, 2W 1% resistors.

OPTION 1 TWO BUS JACKS			
PART NUMBER	TRANSFORMER RATIO	R1-R2 STUB RESISTOR VALUE	TECH NOTE
90-50201	1.41:1	59 ohm, 2W, 1%	Non-terminated
90-50211	1.41:1	59 ohm, 2W, 1%	Single terminated
90-50531	1:1	59 ohm, 2W, 1%	Non-terminated
90-50541	1:1	59 ohm, 2W, 1%	Single terminated
90-50631	1:1	54.9 ohm, 2W, 1%	Non-terminated
90-50641	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 1

OPTION 2 SINGLE BUS JACK LEFT			
PART NUMBER	TRANSFORMER RATIO	R1-R2 STUB RESISTOR VALUE	TECH NOTE
90-51211	1.41:1	59 ohm, 2W, 1%	Single terminated
90-51541	1:1	59 ohm, 2W, 1%	Single terminated
90-51641	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 2

OPTION 3 SINGLE BUS JACK RIGHT			
PART NUMBER	TRANSFORMER RATIO	R1-R2 STUB RESISTOR VALUE	TECH NOTE
90-52211	1.41:1	59 ohm, 2W, 1%	Single terminated
90-52541	1:1	59 ohm, 2W, 1%	Single terminated
90-52641	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 3

OPTION 4 ONE BUS JACK / ONE STUB JACK			
PART NUMBER	TRANSFORMER RATIO	R1-R2 STUB RESISTOR VALUE	TECH NOTE
90-50231	1.41:1	59 ohm, 2W, 1%	Single terminated
90-50241	1:1	59 ohm, 2W, 1%	Single terminated
90-50242	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 4

ACCESSORIES	
PART NUMBER	DESCRIPTION
10-06403-025	TRB 78-ohm bus terminator with no chain
10-06403-026	TRB 78-ohm bus terminator with 6 inch brass chain
10-06300	TRB RFI Cap with no chain
10-06303	TRB RFI Cap with 6 inch brass chain

**FOR CABLE ASSEMBLY OPTIONS
SEE PAGE 73**

**FOR ADDITIONAL ACCESSORY OPTIONS
SEE PAGE 80**

Please contact us with any requirements you may have. We can assist you with custom configurations and special requests. At MilesTek our goal is to be your Mil-Std-1553B solutions provider.