

# 5-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-R10 STUB RESISTOR VALUE	TECH NOTE
90-50205	1.41:1	59 ohm, 2W, 1%	Non-terminated
90-50215	1.41:1	59 ohm, 2W, 1%	Single terminated
90-50535	1:1	59 ohm, 2W, 1%	Non-terminated
90-50545	1:1	59 ohm, 2W, 1%	Single terminated
90-50635	1:1	54.9 ohm, 2W, 1%	Non-terminated
90-50645	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 1

OPTION 2 SINGLE BUS JACK LEFT			
PART NUMBER	TRANSFORMER RATIO	R1-R10 STUB RESISTOR VALUE	TECH NOTE
90-51215	1.41:1	59 ohm, 2W, 1%	Single terminated
90-51545	1:1	59 ohm, 2W, 1%	Single terminated
90-51645	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 2

OPTION 3 SINGLE BUS JACK RIGHT			
PART NUMBER	TRANSFORMER RATIO	R1-R10 STUB RESISTOR VALUE	TECH NOTE
90-52215	1.41:1	59 ohm, 2W, 1%	Single terminated
90-52545	1:1	59 ohm, 2W, 1%	Single terminated
90-52645	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 3

OPTION 4 NO BUS JACKS			
PART NUMBER	TRANSFORMER RATIO	R1-R10 STUB RESISTOR VALUE	TECH NOTE
90-50225	1.41:1	59 ohm, 2W, 1%	Dual terminated
90-50555	1:1	59 ohm, 2W, 1%	Dual terminated
90-50655	1:1	54.9 ohm, 2W, 1%	Dual 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.