

# 6-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-R12 STUB RESISTOR VALUE	TECH NOTE
90-50206	1.41:1	59 ohm, 2W, 1%	Non-terminated
90-50216	1.41:1	59 ohm, 2W, 1%	Single terminated
90-50536	1:1	59 ohm, 2W, 1%	Non-terminated
90-50546	1:1	59 ohm, 2W, 1%	Single terminated
90-50636	1:1	54.9 ohm, 2W, 1%	Non-terminated
90-50646	1:1	54.9 ohm, 2W, 1%	Single terminate



OPTION 1

OPTION 2 SINGLE BUS JACK LEFT			
PART NUMBER	TRANSFORMER RATIO	R1-R12 STUB RESISTOR VALUE	TECH NOTE
90-51216	1.41:1	59 ohm, 2W, 1%	Single terminated
90-51546	1:1	59 ohm, 2W, 1%	Single terminated
90-51646	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 2

OPTION 3 SINGLE BUS JACK RIGHT			
PART NUMBER	TRANSFORMER RATIO	R1-R12 STUB RESISTOR VALUE	TECH NOTE
90-52216	1.41:1	59 ohm, 2W, 1%	Single terminated
90-52546	1:1	59 ohm, 2W, 1%	Single terminated
90-52646	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 3

OPTION 4 NO BUS JACKS			
PART NUMBER	TRANSFORMER RATIO	R1-R12 STUB RESISTOR VALUE	TECH NOTE
90-50226	1.41:1	59 ohm, 2W, 1%	Dual terminated
90-50556	1:1	59 ohm, 2W, 1%	Dual terminated
90-50656	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.