

3-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-R6 STUB RESISTOR VALUE	TECH NOTE
90-50203	1.41:1	59 ohm, 2W, 1%	Non-terminated
90-50213	1.41:1	59 ohm, 2W, 1%	Single terminated
90-50533	1:1	59 ohm, 2W, 1%	Non-terminated
90-50543	1:1	59 ohm, 2W, 1%	Single terminated
90-50633	1:1	54.9 ohm, 2W, 1%	Non-terminated
90-50643	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 1

OPTION 2 SINGLE BUS JACK LEFT			
PART NUMBER	TRANSFORMER RATIO	R1-R6 STUB RESISTOR VALUE	TECH NOTE
90-51213	1.41:1	59 ohm, 2W, 1%	Single terminated
90-51543	1:1	59 ohm, 2W, 1%	Single terminated
90-51643	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 2

OPTION 3 SINGLE BUS JACK RIGHT			
PART NUMBER	TRANSFORMER RATIO	R1-R6 STUB RESISTOR VALUE	TECH NOTE
90-52213	1.41:1	59 ohm, 2W, 1%	Single terminated
90-52543	1:1	59 ohm, 2W, 1%	Single terminated
90-52643	1:1	54.9 ohm, 2W, 1%	Single terminated



OPTION 3

OPTION 4 NO BUS JACKS			
PART NUMBER	TRANSFORMER RATIO	R1-R6 STUB RESISTOR VALUE	TECH NOTE
90-50223	1.41:1	59 ohm, 2W, 1%	Dual terminated
90-50553	1:1	59 ohm, 2W, 1%	Dual terminated
90-50653	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.