

# Pacer

## Butt Splices







Butt splices are crimp connectors used to safely connect one or more wires to another wire. Step-down butt splices are meant to connect a higher gauge wire to a lower gauge wire. They could also be used to connect two or more smaller gauge wires to a single wire. When selecting which type to get, pay special attention as to whether they are epoxy lined or not. Many manufacturers do not line the interior of their butt splices with a meltable glue. This epoxy reacts to heat and expands creating a superior environmentally sealed connection.



## Construction

Made from tinned copper and various insulations

## Features






-  8 AWG to 22 AWG Sizes
-  Various Insulation Types
-  Tinned Copper
-  Up to 600 Volts\*
-  Oper. Temp: -55°C to 125°C
-  UL, CSA, RoHS Compliant\*

Pacer is a Proud Member of:



\*Not applicable to all styles

## Benefits & Protections

-  Abrasion Resistant
-  Impact Resistant
-  Multiple Uses
-  Long Term Protection
-  Easy to Install



## HEAT SHRINK BUTT SPLICES



PART NUMBER	WIRE RANGE	INSULATION COLOR	MAX WIRE INSULATION O.D. (IN.)	PACKAGE SIZE
TBSE18	#22-18 AWG	RED	0.19	10, 25, 100, 500
TBSE14	#16-14 AWG	BLUE	0.21	10, 25, 100, 500, 2000
TBSE10	#12-10 AWG	YELLOW	0.28	10, 25, 100, 500, 1000
TBSE8	#8 AWG	PINK	0.35	4, 10, 50, 500

## STEP DOWN BUTT SPLICES - COLORED HEAT SHRINK



PART NUMBER	WIRE RANGE	INSULATION COLOR	MAX WIRE INSULATION O.D. (IN.)	PACKAGE SIZE
TBSDE14-18	#18-14 AWG	BLUE	0.21	10, 25, 100, 500
TBSDE10-14	#14-10 AWG	YELLOW	0.28	10, 25, 100, 250

## STEP DOWN BUTT SPLICES - CLEAR HEAT SHRINK



PART NUMBER	SIDE ONE - STRIPE/AWG	SIDE TWO - STRIPE/AWG	INSULATION COLOR	PACKAGE SIZE
TSDE118-218	RED/1@20-18	BLUE/2@20-18	CLEAR/RED DASHES	5
TSDE114-214	BLUE/1@16-14	YELLOW/2@16-14	CLEAR/BLUE DASHES	5
TSDE110-210	YELLOW/1@12-10	RED/2@12-10	CLEAR/YELLOW DASHES	5

Step down butt connectors join two wires to one. Color dash on the tubing indicates the wire AWG for the connector. Color strips on the terminal indicate which crimp die to use.

## SEAMLESS BARREL BUTT SPLICES



WIRE RANGE	NYLON INSUL. P/N	VINYL INSUL. P/N	NON INSUL. P/N	INSULATION COLOR	SEAMLESS BARREL I.D. (IN.)	PACKAGE SIZE
22 - 18	TBSN18	TBSV18	TBS18	RED	0.059	25, 100, 1000
16 - 14	TBSN14	TBSV14	TBS14	BLUE	0.091	25, 100, 1000
12 - 10	TBSN10	TBSV10	TBS10	YELLOW	0.138	25, 100, 500

## SEAMLESS BUTT SPLICES



WIRE AWG	PART NUMBER	I.D. MAX (In.)	O.D. MAX (In.)	LENGTH (In.)	PACKAGE SIZE
8	TBS8	0.165	0.295	0.864	4, 25, 250
6	TBS6	0.230	0.374	1.045	4, 25, 250
4	TBS4	0.277	0.457	1.155	4, 10, 100
2	TBS2	0.357	0.538	1.280	100
1/0	TBS1/0	0.439	0.620	1.440	50
2/0	TBS2/0	0.496	0.697	1.440	50
4/0	TBS4/0	0.621	0.860	1.540	50

## STEP DOWN TINNED BUTT SPLICES



WIRE AWG	PART NUMBER	COLOR	INSUL. DIA. (In.)	O.D. MAX (In.)	LENGTH (In.)	PACKAGE SIZE
8	TBSN8	RED	0.265	0.395	1.473	4, 25, 250
6	TBSN6	BLUE	0.342	0.480	1.785	4, 25, 100
4	TBSN4	YELLOW	0.429	0.579	2.035	4, 10, 25, 100

## NYLON BUTT SPLICES



WIRE AWG	PART NUMBER	SM I.D. MAX (In.)	LG I.D. MAX (In.)	O.D. MAX (In.)	LENGTH (In.)	PACKAGE SIZE
22-18 to 16-14	TBSD14-18	0.071	0.088	0.160	0.675	10, 25, 100, 1000
16-14 to 12-10	TBSD10-14	0.097	0.137	0.223	0.827	10, 25, 100, 500
12-10 to 8	TBSD8-10	0.139	0.172	0.291	0.854	1, 250
8-6	TBSD6-8	0.182	0.237	0.375	1.045	1, 250