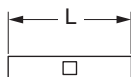


# Butt Connectors

## 3M™ Butt Connectors — Non-Insulated Seamless

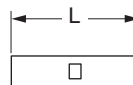


Product Number <sup>1</sup>	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Terminals per: Carton	Case
M18BCX	22187	22-18	0.63	0.031	0.28	0.062	100	500
M18BCK	01311	22-18	0.63	0.031	0.28	0.062	—	1000
M14BCX	23102	16-14	0.66	0.031	0.30	0.095	100	500
M14BCK	01816	16-14	0.66	0.031	0.30	0.095	—	1000
M10BCX	24019	12-10	0.81	0.038	0.38	0.142	50	500
M10BCK	02077	12-10	0.81	0.038	0.38	0.142	—	500



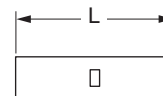
M18BC

Wire Range  
22-18



M14BC

Wire Range  
16-14



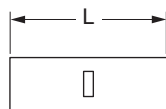
M10BC

Wire Range  
12-10

## 3M™ Butt Connectors — Non-Insulated Brazed Seam



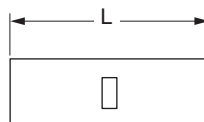
Product Number <sup>1</sup>	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Terminals per: Carton	Case
M8BCX	24167	8	0.81	0.050	0.38	0.175	25	250
M8BCK	02143	8	0.81	0.050	0.38	0.175	—	200
M6BCX	24225	6	1.02	0.050	0.47	0.250	20	200
M6BCK	02172	6	1.02	0.050	0.47	0.250	—	200
M4BCX	24282	4	1.13	0.075	0.53	0.280	15	150
M4BCK	02197	4	1.13	0.075	0.53	0.280	—	200



M8BC

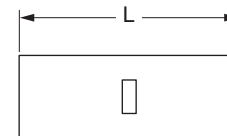
Wire Range

8



M6BC

6



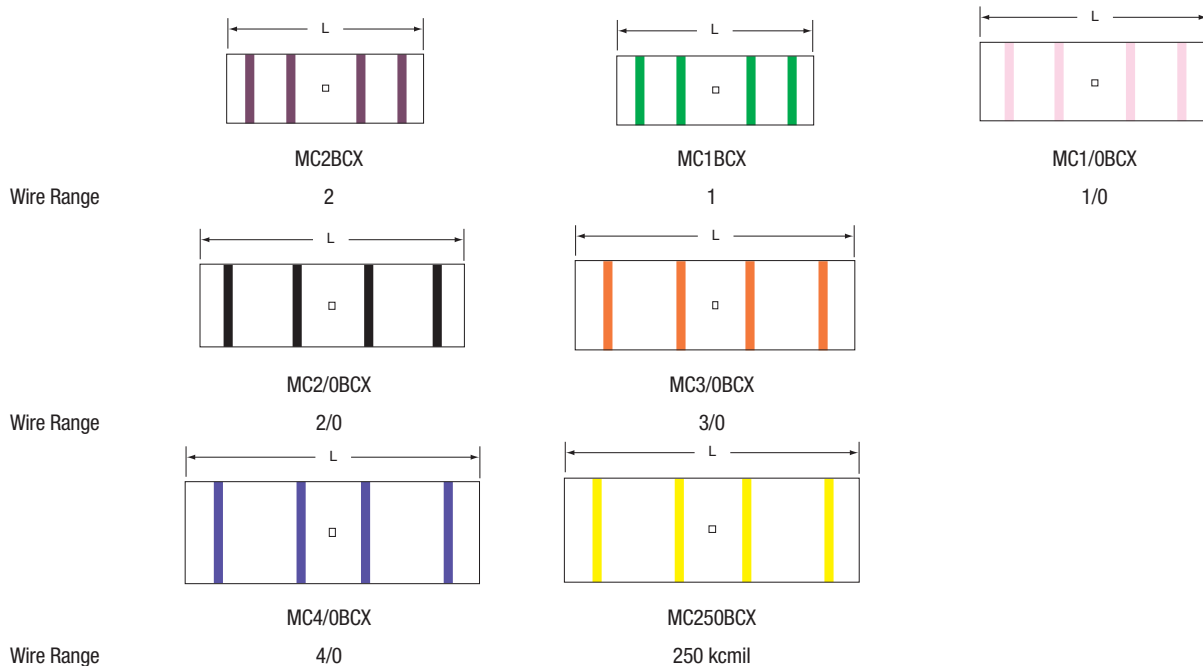
M4BC

4

<sup>1</sup>Product number ending in X = box; product number ending with K = bulk.

## 3M™ Large Gauge Butt Connectors — Non-Insulated Copper Seamless

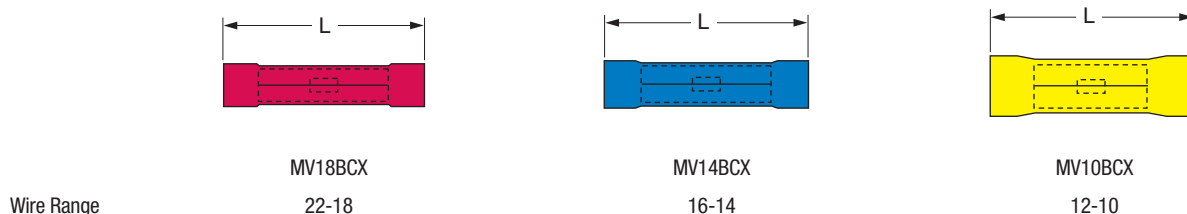
Product Number	UPC (054007-)	Color Code	Wire Range	L	Barrel I.D.	Inner Unit Pack.	Case Qty.
MC2BCX	09205	Brown	2 AWG	1.38" (34,3 mm)	0.34" (8,6 mm)	10/box	100
MC1BCX	09206	Green	1 AWG	1.38" (34,3 mm)	0.36" (9,3 mm)	10/box	100
MC1/0BCX	09207	Pink	1/0 AWG	1.55" (39,4 mm)	0.41" (10,5 mm)	10/box	100
MC2/0BCX	09208	Black	2/0 AWG	1.80" (45,7 mm)	0.46" (11,8 mm)	10/box	100
MC3/0BCX	09209	Orange	3/0 AWG	1.90" (48,3 mm)	0.51" (13,1 mm)	3/box	30
MC4/0BCX	09210	Purple	4/0 AWG	2.00" (50,8 mm)	0.56" (14,3 mm)	3/box	30
MC250BCX	09211	Yellow	250 kcmil	2.25" (50,8 mm)	0.630" (15,1 mm)	3/box	30



## 3M™ Butt Connectors — Vinyl Insulated Seamless



Product Number	UPC (054007-)	Wire Range	L	Thickness	Barrel Length	Barrel I.D.	Max Insulation Diameter	Inner Unit Pack.	Case Qty.
MV18BCX	22195	22-18 AWG	0.310" (7,874 mm)	0.030" (0,762 mm)	0.250" (6,35 mm)	0.070" (1,778 mm)	0.145" (3,683 mm)	100/ carton	500
MV18BCK	01312	22-18 AWG	0.310" (7,874 mm)	0.030" (0,762 mm)	0.250" (6,35 mm)	0.070" (1,778 mm)	0.145" (3,683 mm)		500
MV14BCX	23110	16-14 AWG	0.310" (7,874 mm)	0.030" (0,762 mm)	0.250" (6,35 mm)	0.090" (2,286 mm)	0.170" (4,138 mm)	100/ carton	500
MV14BCK	01817	16-14 AWG	0.310" (7,874 mm)	0.030" (0,762 mm)	0.250" (6,35 mm)	0.090" (2,286 mm)	0.170" (4,138 mm)		500
MV10BCX	24027	12-10 AWG	0.310" (7,874 mm)	0.040" (1,016 mm)	0.250" (6,35 mm)	0.135" (3,429 mm)	0.250" (6,35 mm)	50/ carton	500
MV10BCK	02078	12-10 AWG	0.310" (7,874 mm)	0.040" (1,016 mm)	0.250" (6,35 mm)	0.135" (3,429 mm)	0.250" (6,35 mm)		500

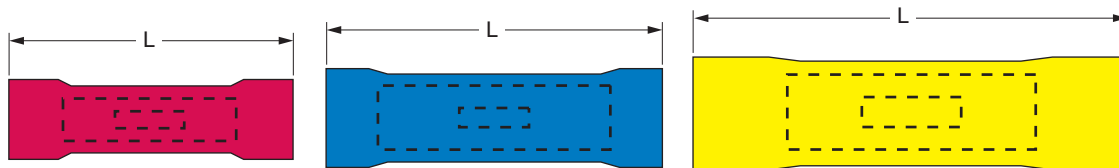


\*Product number ending in X = box; product number ending with K = bulk.

### 3M™ Butt Connectors — Vinyl Insulated Brazed Seam



Product Number*	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Max Insulation Diameter	Terminals per: Carton	Case
MV8BCX	15678	8	1.40	0.050	0.38	0.175	0.385	25	250
MV8BCK	02144	8	1.40	0.050	0.38	0.175	0.385	—	200
MV6BCX	49647	6	1.69	0.050	0.47	0.250	0.440	20	200
MV6BCK	02173	6	1.69	0.050	0.47	0.250	0.440	—	200
MV4BCK	02198	4	2.12	0.075	0.53	0.280	0.515	—	200

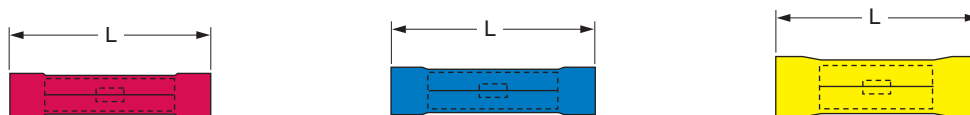


Wire Range                      8    6    4

### 3M™ Butt Connectors — Vinyl Insulated Butted Seam



Product Number*	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Max Insulation Diameter	Terminals per: Carton	Case
MVU18BCK	01315	22-18	1.00	0.030	0.25	0.070	0.145	—	1000
MVU14BCK	01820	16-14	1.00	0.030	0.25	0.090	0.170	—	1000
MVU10BCK	02081	12-10	1.02	0.040	0.25	0.135	0.250	—	500



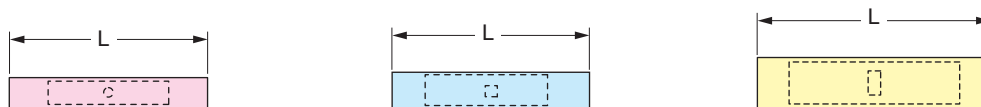
Wire Range                      22-18    16-14    12-10

### 3M™ Butt Connectors — Nylon Insulated Seamless



Product Number*	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Max Insulation Diameter	Terminals per: Carton	Case
MN24BCX-A	98202	26-24	0.79	0.025	0.20	0.050	0.080	100	500
MN24BCK-A	98203*	26-24	0.79	0.025	0.20	0.050	0.080	—	1000
MN18BCX-A	22211	22-18	1.02	0.031	0.28	0.062	0.125	100	500
MN14BCX-A	23136	16-14	1.02	0.031	0.30	0.095	0.155	100	500
MN14BCK-A	01819	16-14	1.02	0.031	0.30	0.095	0.155	—	1000
MN10BCX-A	24043	12-10	1.20	0.038	0.38	0.142	0.218	50	500

\* UPC prefix 051138



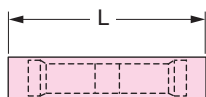
Wire Range                      22-18    16-14    12-10

\*Product number ending in X = box; product number ending with K = bulk.

## 3M™ Butt Connectors — Nylon Insulated with Insulation Grip



Product Number <sup>†</sup>	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Max Insulation Diameter	Terminals per: Carton	Case
MNG18BCX	22203	22-18	1.00	0.030	0.25	0.070	0.145	100	500
MNG18BCK	01313	22-18	1.00	0.030	0.25	0.070	0.145	—	1000
MNG14BCX	23128	16-14	1.00	0.030	0.25	0.090	0.170	100	500
MNG14BCK	01818	16-14	1.00	0.030	0.25	0.090	0.170	—	1000
MNG10BCX	24035	12-10	1.15	0.040	0.25	0.135	0.250	50	500
MNG10BCK	15967	12-10	1.15	0.040	0.25	0.135	0.250	—	500



MNG18BC

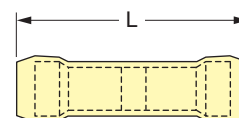
Wire Range

22-18



MNG14BC

16-14



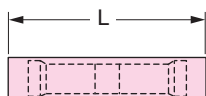
MNG10BC

12-10

## 3M™ Butt Connectors — Nylon Insulated with Insulation Grip Moisture Resistant<sup>®</sup>



Product Number <sup>†</sup>	UPC (051138-)	Wire Range (AWG)	L	Terminals per: Carton	Case
MNG18BCMX-A	98027	22-18	1.02	25	250
MNG18BCMK-A	98029	22-18	1.02	—	1000
MNG14BCMX-A	98032	16-14	1.02	25	250
MNG14BCMK-A	98035	16-14	1.06	—	1000
MNG10BCMX-A	98037	12-10	1.23	25	250
MNG10BCMK-A	98039	12-10	1.23	—	500



MNG18BCM-A

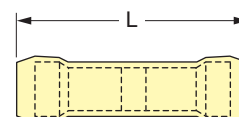
Wire Range

22-18



MNG14BCM-A

16-14



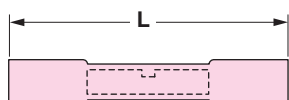
MNG10BCM-A

12-10

## 3M™ Butt Connectors — Heat Shrink Seamless



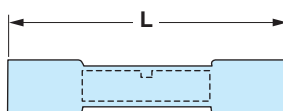
Product Number <sup>†</sup>	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Terminals per: Bag	Case
MH18BCX	06342	22-18	1.2	0.031	0.28	0.062	25	100
MH18BCK	06343	22-18	1.2	0.031	0.28	0.062	—	250
MH14BCX	06318	16-14	1.3	0.031	0.30	0.095	25	100
MH14BCK	06319	16-14	1.3	0.031	0.30	0.095	—	250
MH10BCX	06300	12-10	1.5	0.031	0.38	0.142	25	100
MH10BCK	06301	12-10	1.5	0.031	0.38	0.142	—	250



MH18BC

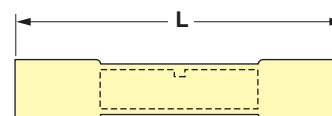
Wire Range

22-18



MH14BC

16-14



MH10BC

12-10

<sup>†</sup>Product number ending in X = box; product number ending with K = bulk.

## 3M™ Step-Down Butt Connectors — Non-Insulated

Part Number	Min. Order Qty.	UPC 051128-	Side #1		Side #2	
			Color Stripe	Wire Gauge	Color Stripe	Wire Gauge
SD-610-S	1000	57020	White	22-24 AWG	Red	18-20 AWG
SD-621-S	1000	57021	Red	18-20 AWG	Blue	14-16 AWG
SD-632-S	1000	57022	Blue	14-16 AWG	Yellow	10-12 AWG
SD-643-S	1000	57023	Yellow	10-12 AWG	Red	8 AWG

## 3M™ Step-Down Butt Connectors — Vinyl

Part Number	Min. Order Qty.	UPC 051128-	Side #1		Side #2	
			Color Stripe	Wire Gauge	Color Stripe	Wire Gauge
SD-610-SP	1000	57024	White	22-24 AWG	Red	18-20 AWG
SD-621-SP	1000	57025	Red	18-20 AWG	Blue	14-16 AWG
SD-632-SP	1000	57026	Blue	14-16 AWG	Yellow	10-12 AWG
SD-643-SP	1000	57027	Yellow	10-12 AWG	Red	8 AWG

## 3M™ Step-Down Butt Connectors — Heat Shrink

Part Number	Min. Order Qty.	UPC 051128-	Heat Shrink Tubing Color	Side #1		Side #2	
				Color Stripe	Wire Gauge	Color Stripe	Wire Gauge
SD-610-SHS	1000	57028	Red	White	22-24 AWG	Red	18-20 AWG
SD-621-SHS	1000	57029	Blue	Red	18-20 AWG	Blue	14-16 AWG
SD-632-SHS	1000	57030	Yellow	Blue	14-16 AWG	Yellow	10-12 AWG
SD-643-SHS	1000	57031	Pink	Yellow	10-12 AWG	Red	8 AWG

\*Product number ending in X = box; product number ending with K = bulk.

## 3M™ Multiple Wire Heat Shrink Butt Connectors

Part Number	Min. Order Qty.	UPC 051128-	Wire Gauge	Tubing Color	Color Stripe on Connector	Wire
MW-60-SHS	250	57032	24-22 AWG	Clear/White Dashes	Side 1: White / Side 2: Red	One 22-24 AWG / Two 22-24 AWG
MW-61-SHS	250	57033	20-18 AWG	Clear/Red Dashes	Side 1: Red / Side 2: Blue	One 18-20 AWG / Two 18-20 AWG
MW-62-SHS	250	57034	16-14 AWG	Clear/Blue Dashes	Side 1: Blue / Side 2: Yellow	One 14-16 AWG / Two 14-16 AWG
MW-63-SHS	250	57035	12-10 AWG	Clear/Yellow Dashes	Side 1: Yellow / Side 2: Red	One 10-12 AWG / Two 10-12 AWG

## 3M™ Step-Down Butt Connectors — Non-Insulated

Part Number	Min. Order Qty.	UPC 051128-	Connector Wire Gauge	Tubing Color
722-NHS	250	57208	22-14 AWG	Clear/Blue Dashes
718-NHS	250	57207	18-10 AWG	Clear/Yellow Dashes

\*Product number ending in X = box; product number ending with K = bulk.