## Butt Splices

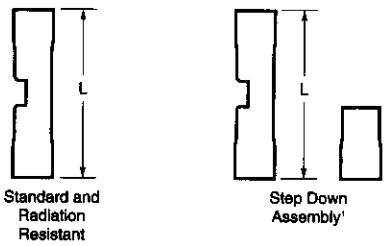
### Material and Finish

**Insulation Sleeve** — Standard, Step Down Assembly and Nylon

**Radiation Resistant** — Polyvinylidene Fluoride (PVF2)

**Splice Body and Insulation Support Sleeve** — Copper per ASTM B-152

**Plating** — Tin per ASTM B-545




Standard and Radiation Resistant

Step Down Assembly[1]

### Military Specifications M7928/5

| Wire Size Circular Mils[1] [mm²] | Style | Dimension L Max. | Splice Insulation Color | Wire Insulation Diameter Max. | Class | M7928/5 Dash Numbers | Part Numbers Loose Piece | Part Numbers Tape Mounted |
|---|---|---|---|---|---|---|---|---|
| 26-24[2] 238-475 [0.12-0.24] | Standard | .890 22.61 | Yellow | .082 2.08 | 1 & 2 | 1 | 323994 | — |
| 24-20 320-1,290 [0.16-0.65] | | 1.035 26.29 | Natural | .100 2.54 | 1 & 2 / 2 | 2 | 323975 / — | — / 2-323975-3 |
| 22-16[3] 509-3,260 [0.26-1.65] | | 1.265 32.13 | Red | .125 3.18 | 1 & 2 / 2 | 3 | 320559* / — | — / 2-320559-4 |
| 16-14 2,050-5,180 [1.04-2.62] | | 1.265 32.13 | Blue | .150 3.81 | 1 & 2 / 2 | 4 | 320562* / — | — / 2-320562-3 |
| 12-10 5,180-13,100 [2.62-6.64] | | 1.656 42.06 | Yellow | .220 5.59 | 1 & 2 | 5 | 320570* | — |

*Available in small packaging quantities.
[1]When using two or more wires in either end of a butt splice, the combined cross sectional area must be within the (CMA) circular mil area range listed.
[2]26-24 range in accordance with MIL-T-7928.
[3]22-16 splices are 22-18 range in accordance with MIL-T-7928.

### Military Specifications M7928/6

| Wire Size Circular Mils[1] [mm²] | Style | Dimension L Max. | Splice Insulation Color | Wire Insulation Diameter Max. | Class | M7928/6 Dash Numbers | Part Numbers Loose Piece | Part Numbers Tape Mounted |
|---|---|---|---|---|---|---|---|---|
| 26-24[2] 238-475 [0.12-0.24] | Radiation Resistant | .890 22.61 | Natural w/ Yellow Stripes | .082 2.08 | 1 & 2 | 1 | 53546-1 | — |
| 24-20 320-1,290 [0.16-0.65] | | 1.035 26.29 | Natural w/ White Stripes | .100 2.54 | 1 & 2 / 2 | 2 | 53547-1 / — | — / 53547-2 |
| 22-16[3] 509-3,260 [0.26-1.65] | | 1.265 32.13 | Natural w/ Red Stripes | .125 3.18 | 1 & 2 / 2 | 3 | 53548-1* / — | — / 53548-2 |
| 16-14 2,050-5,180 [1.04-2.62] | | 1.265 32.13 | Natural w/ Blue Stripes | .150 3.81 | 1 & 2 | 4 | 53549-1* | — |

*Available in small packaging quantities.
[1]When using two or more wires in either end of a butt splice, the combined cross sectional area must be within the (CMA) circular mil area range listed.
[2]26-24 range in accordance with MIL-T-7928.
[3]22-16 splices are 22-18 range in accordance with MIL-T-7928.





Catalog 1308940
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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967