

Butt Splices

Material and Finish

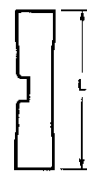
Insulation Sleeve — Standard, Step Down Assembly and Nylon

Radiation Resistant — Polyvinylidene Fluoride (PVF2)

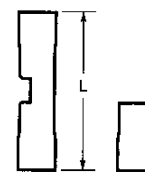
Splice Body and Insulation

Support Sleeve — Copper per ASTM B-152

Plating — Tin per ASTM B-545



Standard and Radiation Resistant



Step Down Assembly*

Military Specifications M7928/5

Wire Size Circular Mil ¹ [mm ²]	Style	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.	Class	M7928/5 Dash Numbers	Part Numbers	
							Loose Piece	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.

¹When 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.

²26-24 range in accordance with MIL-T-7928.

³22-16 splices are 22-18 range in accordance with MIL-T-7928.

Military Specifications M7928/6

Wire Size Circular Mil ¹ [mm ²]	Style	Dimension L Max.	Splice Insulation Color	Wire Insulation Diameter Max.	Class	M7928/6 Dash Numbers	Part Numbers	
							Loose Piece	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.

¹When 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.

²26-24 range in accordance with MIL-T-7928.

³22-16 splices are 22-18 range in accordance with MIL-T-7928.

Terminals and Splices