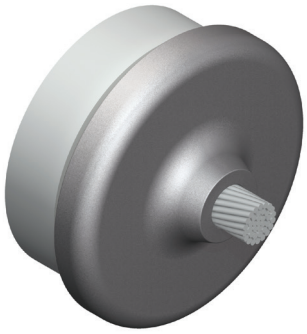
TYPE 14700 Straight Adapter Tube to Cable

Adapter is designed to make inline connection between pipe and stranded cable. Cable is “puddle” welded to connector; connector is then welded to tube. Not recommended for use on ACSR conductors due to difficulty welding steel core.



Material

Aluminum Alloy

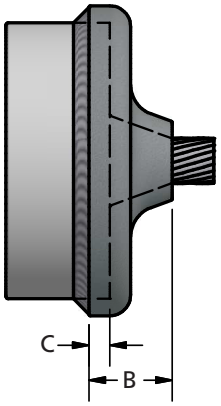
Notes

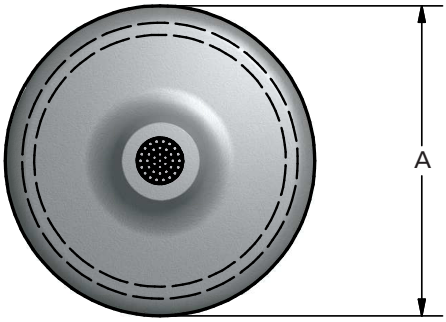
1. Table 1 shows physical characteristics of each catalog series.
2. Table 2 shows specific catalog numbers.

Ordering Instructions

1. Determine Catalog Number

- Determine the catalog number from Table 2 based on the bus conductor and the diameter of the stranded conductor being used.
- Ex: A straight adapter for a run conductor of 3" Sch 40 and a stranded conductor diameter of 0.926" the complete catalog number is : 14708.100





AFL’s Dossert® product line offers a wide range of substation accessories in low voltage up to 765 kV applications in bronze or aluminum materials.

continued

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Table 1 (Physical Characteristics by Series)					
Catalog Number	SPS	Dimensions in inches			Nominal Weight lbs
		A	B	C	
14702	3/4	1.50	1.19	0.19	0.12
14703	1	1.84	1.44	0.19	0.19
14704	1 1/4	2.19	2.00	0.25	0.50
14705	1 1/2	2.56	2.44	0.44	0.56
14706	2	2.97	2.44	0.44	0.56
14707	2 1/2	3.53	2.00	0.44	0.81
14708	3	4.22	2.00	0.44	1.20
14709	3 1/2	4.66	2.00	0.44	1.30
14710	4	5.22	2.00	0.50	1.50
14712	5	6.38	2.00	0.50	1.90
14713	6	7.44	2.00	0.50	2.60

Ordering Information

Table 2											
Standard Conductor Diameter Range in inches	Catalog Numbers										
	Run Conductors										
	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
.366-.394	14702.4	14703.4	14704.4	14705.4	14706.4	14707.4	14708.4	14709.4	14710.4	14712.4	14713.4
.395-.428	14702.44	14703.44	14704.44	14705.44	14706.44	14707.44	14708.44	14709.44	14710.44	14712.44	14713.44
.429-.459	14702.47	14703.47	14704.47	14705.47	14706.47	14707.47	14708.47	14709.47	14710.47	14712.47	14713.47
.460-.49	14702.5	14703.5	14704.5	14705.5	14706.5	14707.5	14708.5	14709.5	14710.5	14712.5	14713.5
.491-.521	14702.53	14703.53	14704.53	14705.53	14706.53	14707.53	14708.53	14709.53	14710.53	14712.53	14713.53
.522-.552	14702.56	14703.56	14704.56	14705.56	14706.56	14707.56	14708.56	14709.56	14710.56	14712.56	14713.56
.553-.599	14702.61	14703.61	14704.61	14705.61	14706.61	14707.61	14708.61	14709.61	14710.61	14712.61	14713.61
.600-.644	14702.66	14703.66	14704.66	14705.66	14706.66	14707.66	14708.66	14709.66	14710.66	14712.66	14713.66
.645-.691	-	14703.7	14704.7	14705.7	14706.7	14707.7	14708.7	14709.7	14710.7	14712.7	14713.7
.692-.738	-	14703.75	14704.75	14705.75	14706.75	14707.75	14708.75	14709.75	14710.75	14712.75	14713.75
.739-.800	-	14703.81	14704.81	14705.81	14706.81	14707.81	14708.81	14709.81	14710.81	14712.81	14713.81
.801-.863	-	14703.88	14704.88	14705.88	14706.88	14707.88	14708.88	14709.88	14710.88	14712.88	14713.88
.864-.925	-	-	14704.94	14705.94	14706.94	14707.94	14708.94	14709.94	14710.94	14712.94	14713.94
.926-.985	-	-	14704.1	14705.1	14706.1	14707.1	14708.1	14709.1	14710.1	14712.1	14713.1
.986-1.047	-	-	14704.106	14705.106	14706.106	14707.106	14708.106	14709.106	14710.106	14712.106	14713.106
1.048-1.110	-	-	14704.112	14705.112	14706.112	14707.112	14708.112	14709.112	14710.112	14712.112	14713.112
1.111-1.173	-	-	14704.119	14705.119	14706.119	14707.119	14708.119	14709.119	14710.119	14712.119	14713.119
1.174-1.235	-	-	14704.125	14705.125	14706.125	14707.125	14708.125	14709.125	14710.125	14712.125	14713.125
1.236-1.297	-	-	14704.131	14705.131	14706.131	14707.131	14708.131	14709.131	14710.131	14712.131	14713.131
1.298-1.360	-	-	14704.138	14705.138	14706.138	14707.138	14708.138	14709.138	14710.138	14712.138	14713.138
1.361-1.423	-	-	-	14705.144	14706.144	14707.144	14708.144	14709.144	14710.144	14712.144	14713.144
1.424-1.485	-	-	-	14705.15	14706.15	14707.15	14708.15	14709.15	14710.15	14712.15	14713.15
1.486-1.542	-	-	-	14705.156	14706.156	14707.156	14708.156	14709.156	14710.156	14712.156	14713.156

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