

Distribution Dead End

Aluminum Covered Steel Materials

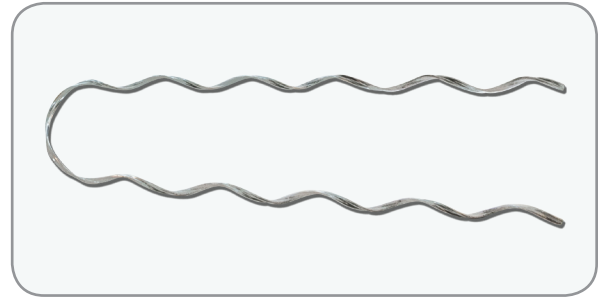
MATERIALS

Dead End - Aluminum covered steel and galvanized steel.

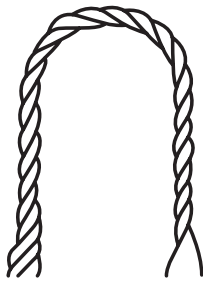
Color code and crossover marks - Identifies proper conductor size and indicates application starting point.

Identification tag - Shows catalog number, conductor diameter range (when applicable) and nominal conductor size.

Loop type - Open helix for smaller sizes and cabled for larger sizes.



Open Helix Loop



Cabled Loop

General Recommendations

Distribution Grip Dead Ends are recommended as a replacement for Bare Looped Dead Ends because of their stronger loops and higher holding strengths on ACSR cable. Aluminum covered steel Grips are used on bare aluminum based conductors and galvanized steel Grips are used for plastic jacketed conductors. Coated Dead Ends are also recommended for jacketed conductors. Distribution Grip Dead Ends are specifically designed for single pole distribution construction.

Rated Holding Strength

The mechanical strengths of Distribution Grip Dead Ends meet the requirements of primaries, secondaries, and substation feeders.

Tapping

Tapping onto the applied legs of the Distribution Grip Dead Ends is not recommended. Taps should be located either six inches from the gritted legs on the conductor or on the other end of the conductor passing through the Dead End.

Distribution Dead End

Aluminum Covered Steel Materials

ACSR, All-Aluminum, Aluminum Alloy, AWAC, Compacted ACSR

Open Helix Loop Standard/Right Hand Lay Standard Ordering Information

AFL NO.	ACSR	ALL ALUMINUM	ALUMINUM ALLOY	COMPACTED ACSR	AWAC 6/1	UNITS PER CARTON	WT. PER CARTON POUNDS	LENGTH INCHES	COLOR CODE
AWDG 050	#6, 6/1	#6, 7W	#6, 7W	#6, 6/1		100	14	16	Blue
AWDG 063	#4, 6/1 #4, 7/1	#4, 7W	#4, 7W	#4, 6/1	#4	100	20	17	Orange
AWDG 080	#2, 6/1 #2, 7/1	#2, 7W	#2, 7W	#2, 6/1	#2	100	33	24	Red
AWDG 090	#1, 6/1	#1, 7W	#1, 7W	#1, 6/1	#1	100	44	26	Green
AWDG 099	1/0, 6/1	1/0, 7W	1/0, 7W	1/0, 6/1	1/0	50	31	26	Yellow
AWDG 113	2/0, 6/1	2/0, 7W	2/0, 7W	2/0, 6/1	2/0	50	31	28	Blue
AWDG 127	3/0, 6/1	3/0, 7W	3/0, 7W	3/0, 6/1	3/0	50	43	32	Orange
AWDG 143	4/0, 6/1	4/0, 7W	4/0, 7W	4/0, 6/1	4/0	25	30	34	Red

Note: The following Dead Ends are designed only for the specific conductors listed.

Cabled Loop Standard/Right Hand Lay Standard Ordering Information

AFL NO.	ACSR	ALL ALUMINUM	ALUMINUM ALLOY	COMPACTED ACSR	UNITS PER CARTON	WT. PER CARTON POUNDS	LENGTH INCHES	COLOR CODE
AWDG 147	266.8, 18/1	266.8, 19W	266.8, 19W	336.4, 18/1	25	3935		Black
AWDG 166	336.4, 18/1	336.4, 19W	336.4, 19W	397.5, 18/1	25	5339		Green
AWDG 188	397.5, 18/1 477, 36/1 477, 18/1	450, 19W 477, 19W 500, 37W	397.5, 19W	477, 18/1 556, 19W	10	35	50	Orange
AWDG 213	556.5, 36/1 605, 36/1 636, 18/1	556.5, 7W 636, 37W 650, 61W	477, 19W 556.5, 19W	636, 18/1 795, 19W	10	45	55	Blue
AWDG 241	666.6, 36/1 715.5, 36/1 795, 36/1	715.5, 37W 750, 61W 795, 61W	636, 37W	874.5, 37W 954, 37W	5	64	62	Brown
AWDG 273	874.5, 36/1 954, 36/1 1033.5, 36/1	874.5, 61W 954, 61W 1033.5, 61W	795, 37W		5	46	70	Orange

Notes: 1. The rated holding strengths of the above Distribution End Grip Dead Ends are between 60% and 100% of the conductors RBS depending on the conductor used.

2. Consult AFL for sizes and stranding or holding strengths not listed.