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# *intral* guy and messenger strand

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## **APPLICATIONS**

Guy wires are an important element of any overhead line structure. Since each strand of Intral guy wire has a thick outer layer of aluminum extruded over the steel, there is no loss of strength over time. Intral guy strand is easy to install because it weighs less than other high-strength guying or messenger materials.

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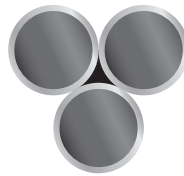
## **SPECIFICATIONS**

Meets or exceeds all requirements of the ASTM B-416 specification. Accepted by the Rural Utilities Service of the U.S. Department of Agriculture (formerly known as the R.E.A.).

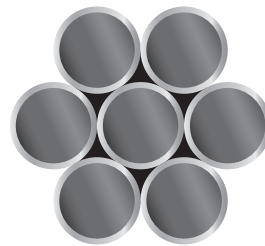
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## **CONSTRUCTION**

Three or seven wire, concentrically stranded cable with left-hand lay. The diameter of each individual wire is the same.



3-WIRE STRAND



7-WIRE STRAND

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## **PACKAGING**

The product is available in 250 and 500 foot, paper-wrapped coils or on wooden reels.

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# STRANDED CABLE - GUY AND MESSENGER

## PHYSICAL AND ELECTRICAL *characteristics*

DESIGNATION	Nominal Diameter of Strand, Inches	No. and Diameter of Individual Wires	Breaking Load, lbs.	Weight lbs. per 1,000 Ft	Approximate DC Resistance Ohms/1,000 Ft <sup>①</sup>	Standard Lengths, Feet	
						Colls	Reels
4M 3	.220	3 x .102"	4,000	70	1.65	2-500	10,000
5M 3	.247	3 x .114"	5,700	89	1.31	2-500	
6M	.242	7 x .081"	6,000	104	1.13	2-500	
8M	.272	7 x .091"	8,000	131	.89	500	
10M	.306	7 x .102"	10,000	165	.71	500	
12,5M	.343	7 x .114"	12,500	208	.56	500	
14M	.363	7 x .121"	14,000	232	.50	500	
16M	.386	7 x .128"	16,000	262	.45	500	
18M	.417	7 x .139"	18,000	304	.38	250 and 500	
20M	.444	7 x .148"	20,000	347	.34	250 and 500	
25M	.519	7 x .173"	25,000	475	.25	250 and 500	
19 No. 5	.910	19 x .182"	73,350	1,430	.0822		10,000
19 No. 6	.810	19 x .162"	61,700	1,134	.1037		10,000
19 No. 7	.721	19 x .144"	51,730	889.5	.1380		10,000
19 No. 8	.642	19 x .128"	43,240	713.5	.1649		10,000
19 No. 9	.572	19 x .114"	34,290	565.8	.2079		10,000
19 No. 10	.509	19 x .102"	27,190	448.7	.2622		10,000

① For information only

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