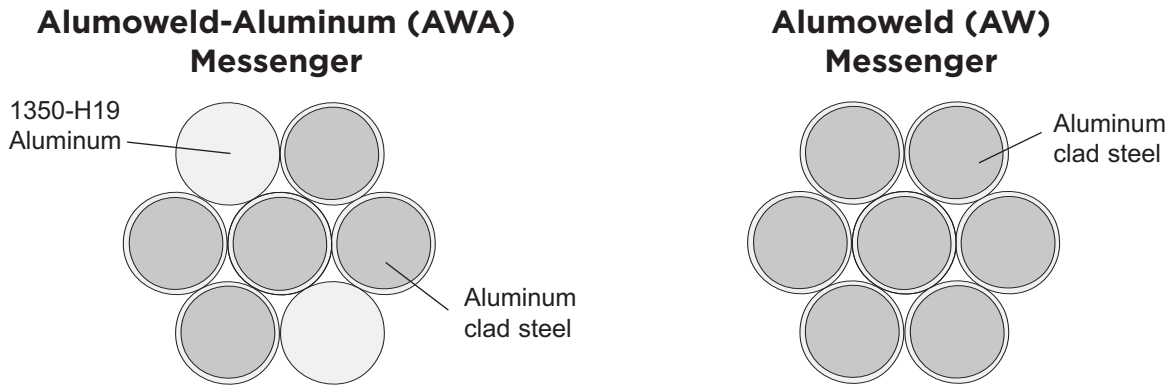


Messenger Wire - Spacer Cable Systems



Description:

Messenger wire is the support member of the Hendrix Spacer Cable System. Two types of messenger wires are available. Alumoweld-Aluminum (AWA) messenger wire has aluminum clad steel strands and 1350-H19 all aluminum strands. Alumoweld (AW) messenger wire has all strands made of aluminum clad steel.



Benefits:

- Provides protection from falling branches
- May be used as the system neutral
- Provides lightning protection when properly grounded
- Better corrosion resistance than galvanized steel wire

Application:

AWA messenger is recommended in most cases because it has high strength and high conductivity. AW messenger is recommended when a higher strength messenger is needed. Messenger wire is pulled in and tensioned prior to conductor installation.

Physical & Electrical Data:

Part Number	Messenger Size	Equivalent Conductivity	Ampacity* (amps)	Overall Diameter (in)	Alumoweld Wires	Aluminum Wires	Weight (lbs/1000 ft)	Breaking Strength (lbs)
					No. x dia. (in)	No. x dia. (in)		
MSG052AWA007-01	052 AWA	1/0 AL	253	0.486	5 x 0.1620	2 x 0.1620	346	17,120
MSG0706AW007-01	7 No. 6 AW	#2 AL	201	0.486	7 x 0.1620	—	416	22,730
MSG0052AA007-01	0052 AWA	2/0 AL	292	0.546	5 x 0.1819	2 x 0.1819	436	20,420
MSG0127AA019-01	0000127 AWA	4/0 AL	431	0.722	12 x 0.1443	7 x 0.1443	699	32,670
MSG1908AW019-01	19 No. 8 AW	1/0 AL	283	0.642	19 x 0.1285	—	714	43,240

*Assumptions for ampacity calculations- 75°C Conductor Temperature, 25°C Ambient Temperature, 2 ft/sec (0.6096 m/s) Wind, Sun