
MESSENGER WIRE



MANUFACTURING SPECIFICATIONS

These are manufactured as per ASTM 475, Bell such as 6M, 6.6M and 10M and ASTM A228 for optical cable.



Messenger Wire

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Messenger wire is guy strand used to provide support to telecommunication lines. It is manufactured in extra high strength steel or stainless steel with a variety of options on coating and strength.

APPLICATIONS

Messenger wire/strand is a steel wire to support fiber optic cables. It bonds communication wires to provide the structural support needed to keep them in place. The messenger wire prevents sagging for aerial installations and reduces strain on the fiber optic cable, though it cannot carry a signal or an electrical current itself.

ADVANTAGES

- Prevents sagging and support long distance installation.
- Reduce the strain on delicate coaxial cables.
- Stabilize the wires, which is essential for the longevity of any system.

SPECIFICATIONS

	AVA#	Strand diameter		Wires / strand	Stranding	Approx. strand weight		Minimum Breaking Strength	Finish
SN		in	mm	No.		kg/ m	lbs/ 1000 ft (lbs)	(lbs)	
1	AGS-7014-EA	1/4	6.4	7	#12	0.18	121	6650	Galvanized - EHS
2	AGS-7516-EA	5/16	7.9	7	#10	0.31	205	11200	Galvanized - EHS
3	AGS-7038-EA	3/8	9.5	7	#8	0.41	273	15400	Galvanized - EHS
4	AGS-7012-EA	1/2	12.7	7	#6	0.77	517	26900	Galvanized - EHS
5	AGS-7014-ECW	1/4	6.4	7	#12	0.19	128	5783	Copperweld - EHS
6	AGS-7516-ECW	5/16	7.9	7	#10	0.30	204	9196	Copperweld - EHS
7	AGS-7038-ECW	3/8	9.5	7	#8	0.48	324	13890	Copperweld - EHS
8	AGS-7012-ECW	1/2	12.7	7	#6	0.77	515	20460	Copperweld - EHS
9	AGS-7916-ECW	9/16	14.3	7	#5	0.97	650	24650	Copperweld - EHS
10	AGS-7014-SS302	1/4	6.4	7	#12	0.20	135	8500	Stainless Steel - 302
12	AGS-7038-SS302	3/8	9.5	7	#8	0.42	282	18000	Stainless Steel - 303
13	AGS-7012-SS302	1/2	12.7	7	#6	0.80	535	33700	Stainless Steel - 304