

Catalog # SO GAUGE/COND

Type SO, SOW, and SOW-A are extra hard usage cables rated for 600 volts @ 90 degrees C. These cables in sizes 12 gauge and up are recognized by the NEC for permanent installation of lighting equipment. Always verify local code requirements for grounds, spares, and derating. Cables with 2 conductors are used for Audio or control signals. Ampacities shown are typical usage, and do not reflect derating for length of run or other considerations.

<u>20 Amp</u>	Diameter	<u>30 Amp</u>	Diameter	<u>40 Amp</u>	Diameter
SO 12/2	.58	SO 10/2	.64	SO 8/2	.72
SO 12/3	.61	SO 10/3	.67	SO 8/3	.78
SO 12/4	.66	SO 10/4	.73	SO 8/4	.81
SO 12/5	.73	SO 10/5	.73	SO 8/5	.90
SO 12/6	.78	SO 10/6	.79		
SO 12/7	.78	SO 10/7	.86	<u>50 Amp</u>	Diameter
SO 12/8	.83	SO 10/8	.92		
SO 12/10	1.00	SO 10/10	1.12	SO 6/2	.80
SO 12/12	1.03	SO 10/12	1.16	SO 6/3	.88
SO 12/14	1.10	SO 10/14	1.22	SO 6/4	.89
SO 12/16	1.14	SO 10/16	1.31	SO 6/5	1.05
SO 12/18	1.23				
SO 12/20	1.27	SO 10/20	1.27	<u>60 Amp</u>	Diameter
SO 12/22	1.36				
SO 12/24	1.41	SO 10/24	1.57	SO 4/3	.99
SO 12/26	1.45	SO 10/26	1.60	SO 4/4	1.12
SO 12/30	1.49			SO 4/5	1.22
SO 12/36	1.59	SO 10/36	1.85		
SO 12/40	1.68	SO 10/40	1.93	<u>80+ Amp</u>	Diameter
				SO 2/3	1.15
				SO 2/4	1.27
				SO 2/5	1.42

* Wire diameters are approximate, and vary by manufacturer.

** Not all sizes are always available.



E118218

Specifications:

- * Wire is Carol, Essex (Royal) or A.I.W.
- * Wire will be cut to length
- * Individually coiled or spooled