

# Rubber Cable

## R-E-110 Rubber SDI Cable

Highly flexible single conductor, SDI, halogen free power cable

### Construction:

Class 6 super fine copper conductors, EPR thermosetting compound type R-E-110 insulation, halogen-free, low smoke, flame and heat retardant, UV, oil, chemical and weather-resistant orange thermosetting compound R-E-110 sheath. Other colours available on request subject to minimum order quantity and lead time.

### Minimum Bending Radius:

Fixed: 6 x cable diameter  
Flexing: 10 x cable diameter

### Nominal Voltage:

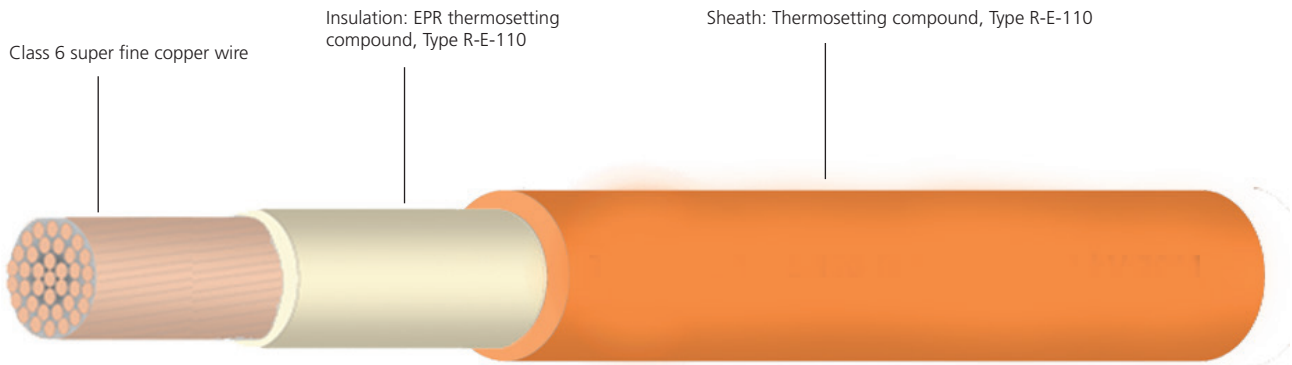
600/1000V

### Temperature Range:

Fixed: -40°C to +110°C  
Flexing: -25°C to +90°C

### Features:

- UV resistant
- Halogen free
- 110° rated



Part No.	Number and cross-section area mm <sup>2</sup>	Stranding N x mm	Nominal overall Ø over insulation mm	Overall Ø		Approx. weight	Short circuit current		Current rating* Amps
				Min. mm	Max. mm		1 sec. kA	0.1 sec. kA	
G-012569	1x16	470x0.2	6.6	9.3	10.3	202	2.1	6.7	105
G-012570	1x25	726x0.2	8.1	10.8	11.9	293	3.3	10.4	145
G-012571	1x35	1040x0.2	9.4	12.1	13.3	390	4.8	15.2	175
G-022907	1x50	1499x0.2	11.0	13.5	15.0	535	6.6	20.9	215
G-012573	1x70	2165x0.2	12.8	15.5	17.1	750	9.2	29.2	270
G-012574	1x95	2745x0.2	15.0	17.9	19.5	1023	12.5	39.7	340
G-012575	1x120	1554x0.3	16.9	19.8	21.5	1258	15.8	50.1	395
G-012576	1x150	1961x0.3	18.9	22.1	23.9	1566	19.8	62.6	455
G-012577	1x185	2331x0.3	21.1	24.0	26.5	1882	24.4	77.2	530
G-012579	1x240	3172x0.3	23.5	27.1	29.3	2472	31.7	100.2	630
G-012581	1x300	3965x0.3	28.2	29.9	32.4	3063	39.8	125.9	730
G-012582	1x400	5246x0.3	29.6	33.5	36.3	3965	52.8	167.0	850
G-012583	1x500	6588x0.3	33.1	37.2	40.3	4957	66.0	208.7	980
G-027726	1x630	4880x0.4	40.2	41.0	48.0	6480	83.2	263.0	1147

\*AS/NZS 3008 Table 8 (Fixed Unenclosed ,Touching) 110°C Operating Temperature , 40°C Ambient Temperature