

## RV (450/750V) and BVR Type Flexible Wire

### 227 IEC 02 (RV) Type Wire

### BVR (450/750V) Type Wire



### 227 IEC 02 (RV) (GB 5023.3 -- 1997)

Normal single-core flexible conductor cable without sheath

Nom. Section (mm <sup>2</sup> )	Jkt.Thick (mm)	Cable Dimension Max. Dia. (mm)	Min.Insul. resistance @70 °C (MΩ.km)
1.5	0.7	3.5	0.010
2.5	0.8	4.2	0.009
4	0.8	4.8	0.007
6	0.8	6.3	0.006
10	1.0	7.6	0.0056
16	1.0	8.8	0.0046
25	1.2	11.0	0.0044
35	1.2	12.5	0.0038
50	1.4	14.5	0.0037
70	1.4	17.0	0.0032
95	1.6	19.0	0.0032
120	1.6	21.0	0.0029
150	1.8	23.5	0.0029
185	2.0	26.0	0.0029

### BVR (450/750V) (JB 8734.2 -- 1998)

Copper conductor PVC insulated flexible wire

Nom. Section (mm <sup>2</sup> )	Num. conductor	Insul.Thick (mm)	Cable Dimension Max. Dia. (mm)	Min.Insul. resistance @20 °C (MΩ.km)		Min.Insul. resistance @70 °C (MΩ.km)
				Copper	Tinned Copper	
2.5	19	0.8	4.1	7.41	7.56	0.011
4	19	0.8	4.8	4.61	4.70	0.009
6	19	0.8	5.3	3.08	3.11	0.0084
10	49	1.0	6.8	1.83	1.84	0.0084
16	49	1.0	8.1	1.15	1.16	0.0062
25	98	1.2	10.2	0.727	0.734	0.0058
35	133	1.2	11.4	0.524	0.529	0.0052
50	133	1.4	13.9	0.387	0.391	0.0051
70	189	1.4	16.0	0.268	0.270	0.0045