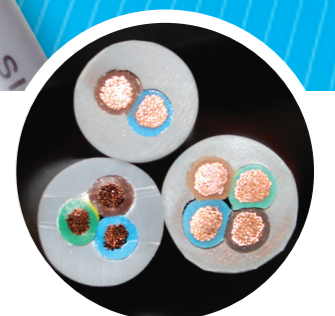
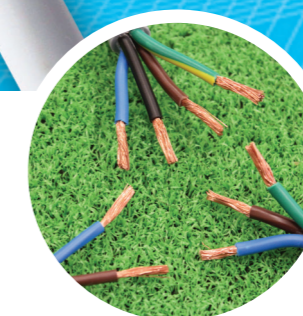
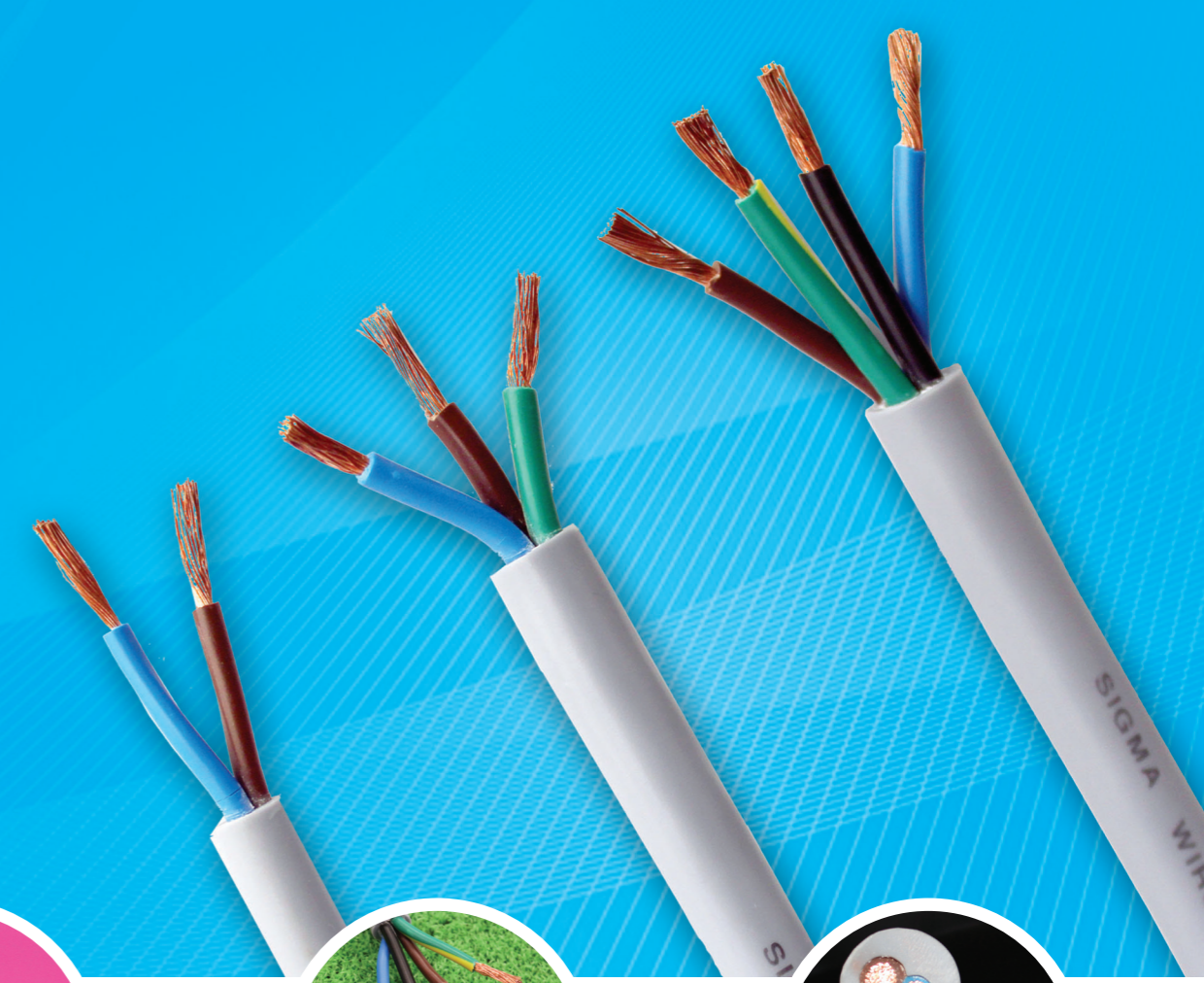
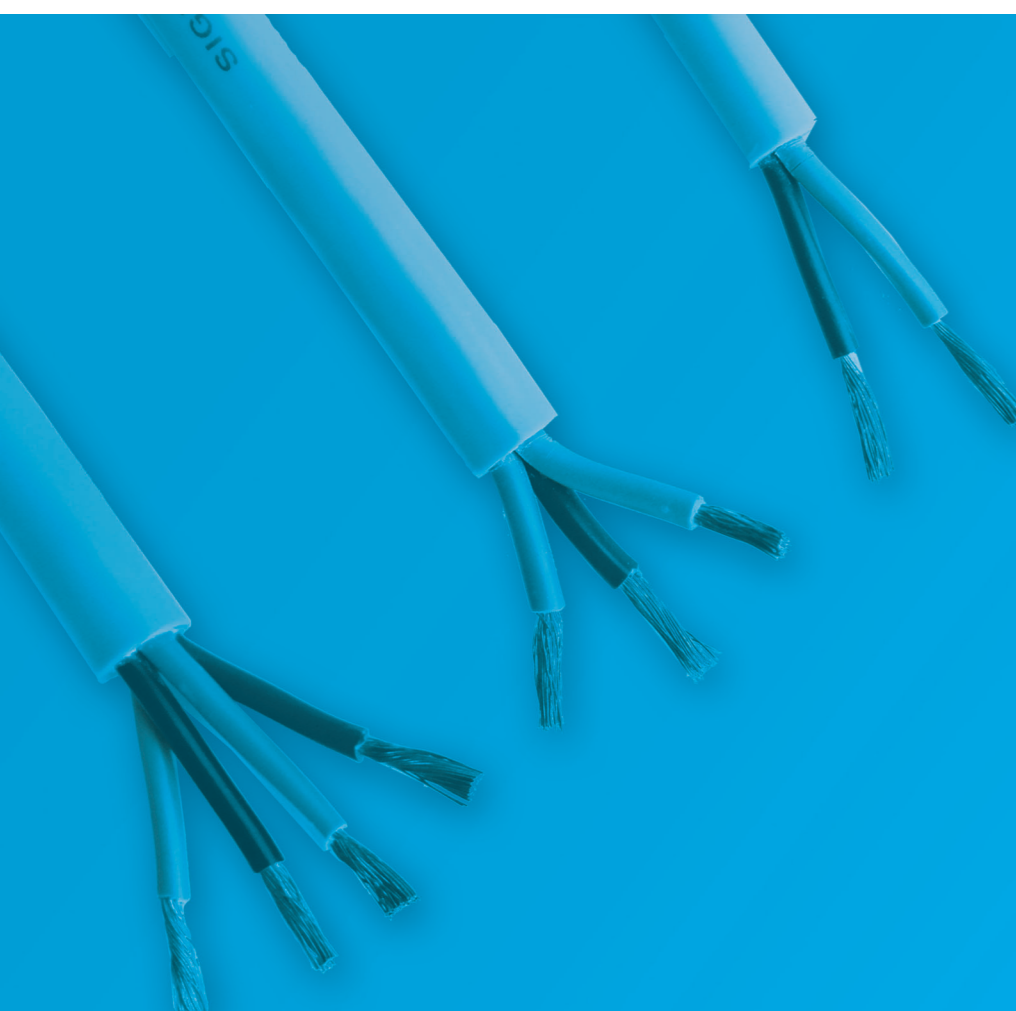


# Flexible Cable



**EPAN INDUSTRIES (PTE) LTD**

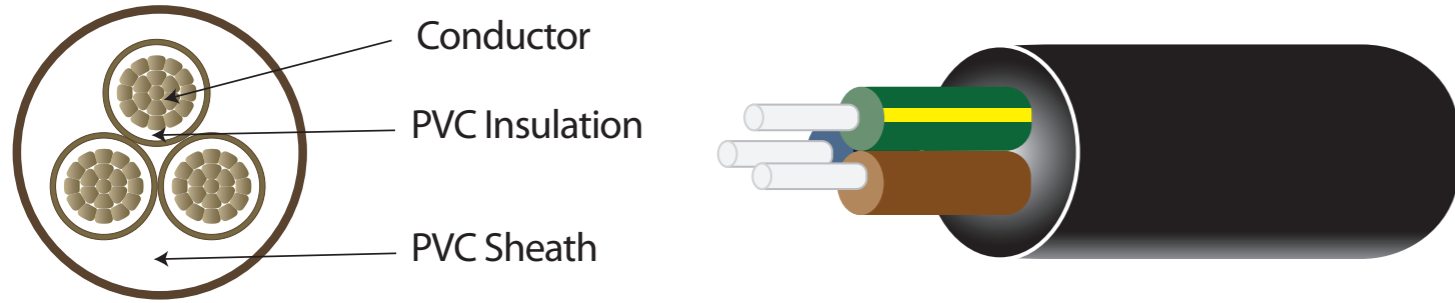
19 Benoi Road, Level 3A, Sigma-Cable High Tech Complex Jurong Town,  
Singapore 629909 Tel: 6569 9100 Fax: 6569 8460  
Website: [www.epanwire.com.sg](http://www.epanwire.com.sg) E-mail: [sales@epanwire.com.sg](mailto:sales@epanwire.com.sg)



CERT NO.: 92-2-0013  
SS ISO 9001:2008

# LOW VOLTAGE CABLES

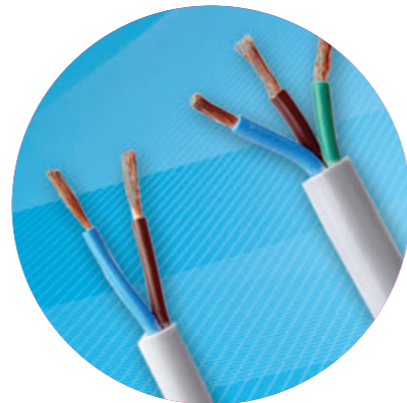
## 250 / 440V PVC INSULATED, PVC SHEATHED FLEXIBLE CABLE (BS 2004)



- Application : This cable is used for general indoor and outdoor purposes (e.g. Portable tools, washing machine, aircons and vacuum cleaners)
- Voltage Rating : 250 / 440V
- Construction : Flexible plain annealed copper conductor, PVC insulated, PVC sheathed cable
- Insulation Colour : 2 Core : Blue and Brown  
3 Core : Blue, Brown and Green / Yellow  
4 Core : Blue, Brown, Black and Green / Yellow
- Sheath Colour : Grey or custom made colour
- Reference Standard : BS2004

### Construction

- Conductor : Flexible Copper Conductor
- Insulation : Polyvinyl Chloride (PVC) compound
- Colour : Black, Blue, Brown and Green with Single Yellow Line
- Sheath : Polyvinyl Chloride (PVC) compound
- Colour : According to customer request
- Reference Standard : BS2004
- Printing : SIGMA WIRE 250/440V (SIZE) X NO. OF CORE



Number of Cores	Nominal Cross Section Area	Copper Construction	Thickness of Insulation	Thickness of Sheath	Approx Overall Diameter	Standard Packing Length
-	mm <sup>2</sup>	# / ±0.01mm	mm	mm	mm	m/Coil
2	0.66	23/0.193	0.64	1.02	7.20	90
2	1.15	40/0.193	0.64	1.02	7.70	90
2	2.01	70/0.193	0.64	1.27	9.20	90
2	3.15	110/0.193	0.64	1.27	10.00	90
2	4.64	162/0.193	0.76	1.27	12.20	90

Number of Cores	Nominal Cross Section Area	Copper Construction	Thickness of Insulation	Thickness of Sheath	Approx Overall Diameter	Standard Packing Length
-	mm <sup>2</sup>	# / ±0.01mm	mm	mm	mm	m/Coil
3	0.66	23/0.193	0.64	1.02	7.50	90
3	1.15	40/0.193	0.64	1.02	8.20	90
3	2.01	70/0.193	0.64	1.27	9.70	90
3	3.15	110/0.193	0.64	1.27	10.60	90
3	4.64	162/0.193	0.76	1.27	12.90	90

Number of Cores	Nominal Cross Section Area	Copper Construction	Thickness of Insulation	Thickness of Sheath	Approx Overall Diameter	Standard Packing Length
-	mm <sup>2</sup>	# / ±0.01mm	mm	mm	mm	m/Coil
4	0.66	23/0.193	0.64	1.02	8.20	90
4	1.15	40/0.193	0.64	1.27	9.40	90
4	2.01	70/0.193	0.64	1.27	10.50	90
4	3.15	110/0.193	0.64	1.27	11.50	90
4	4.64	162/0.193	0.76	1.27	14.20	90

### Current Rating and Voltage Drop

Technical Data Flexible Cord, Imperial Sizes (CU/PVC/PVC)

Conductor Operating Temperature : 90°C  
Ambient Temperature : 30°C

Conductor		Current Rating 1 or 3 phase a.c. or d.c.	Voltage Drop per 100 feet		Maximum Weight supportable by twin flexible cord
Nominal Area	Construction		d.c. or 1 phase a.c.	3 phase a.c.	
mm <sup>2</sup>	No. / mm (inch)	Amp	V	V	lb
0.66	23 / 0.193 (0.0076)	6	11	9.4	5.5
1.15	40 / 0.193 (0.0076)	13	14	12	10
2.01	70 / 0.193 (0.0076)	18	12	10	10
3.15	110 / 0.193 (0.0076)	24	9.6	8.3	10
4.64	162 / 0.193 (0.0076)	31	8.4	7.3	10