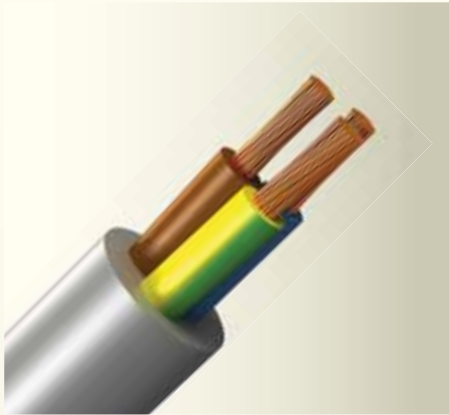


Flexible Cables

250/440V Circular Type
PVC Insulated, PVC Sheathed Flexible Cable
CU/PVC/PVC



Application :	This cable is used for general indoor and outdoor purposes. (eg. Portable tools, washing machines and vacuum cleaners)
Voltage rating :	250/440V
Construction :	Flexible plain annealed copper conductor, PVC insulated, PVC sheathed cable
Core colours :	2-Core: (Blue & Brown) 3-Core: (Green/Yellow, Blue & Brown) 4-Core: (Green/Yellow, Black, Blue & Brown) or as per order
Sheath colour :	Grey, White or as per order
Specification :	BS2004

No. of Core	Conductor		Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Dia mm	Approx. Weight kg/km
	Nominal Area mm ²	No./Dia. of Strand No./mm				
Single-Core				-	2.47	11
2-Core	0.4	14/0.193	0.64	1.02	6.55	56
3-Core				1.02	6.88	67
4-Core				1.02	7.44	79
Single-Core				-	2.63	13
2-Core	0.7	23/0.193	0.64	1.02	7.16	70
3-Core				1.02	7.54	87
4-Core				1.02	8.18	100
Single-Core				-	2.80	17
2-Core	1.2	40/0.193	0.64	1.02	7.72	88
3-Core				1.02	8.15	107
4-Core				1.02	9.37	141
Single-Core				-	3.25	27
2-Core	2.0	70/0.193	0.64	1.27	9.19	129
3-Core				1.27	9.70	158
4-Core				1.27	10.54	192
Single-Core				-	3.75	40
2-Core	3.2	110/0.193	0.64	1.27	10.01	167
3-Core				1.27	10.57	208
4-Core				1.27	11.51	258
Single-Core				-	4.95	58
2-Core	4.7	162/0.193	0.76	1.27	11.53+	227
3-Core				1.27	11.94*	228
4-Core				1.27	12.22+	286
4-Core				1.27	12.67*	288
4-Core				1.27	13.46+	350
				1.27	13.97*	353

For current rating and voltage drop please refer to Tables 18 & 19 (Page 58)

+ Bunched Conductor
* Rope-Stranded Conduct
(1mm=0.039 inch)

Flexible Cables

300/500V & 450/750V
PVC or LSZH Insulation



Application :	It must be laide pipes at sight, embedded or closed system, allowed for fixed and protected installation, upon or into illumination sets for voltage under 1000V AC or 750 DC to ground.
Voltage rating :	300/500V or 450/750V
Construction :	Bare or Tinned copper conductor according to DIN VDE 0295 and IEC 06228 class 5, E15 or T11 insulated
Colour :	Black, Light Blue, Brown, Grey, Orange, Pink, Red, Turquoise, Violet, White, Green/Yellow
Specification :	Generally to EN50265 HD21.3 S3

H05Z-K & H05V-K

No. of Core	Conductor			Insulation		Approx. Overall Dia	Approx. Weight	Current Rating Amps at 30°C
	Nominal Area	Approx. Dia.	Maximum Conductor Resistance at 20°C	Thickness	Maximum Insulation Resistance at 70°C			
	mm ²	mm	(Ω/km)	mm	(Ω/km)	mm	kg/km	
Single-Core	0.40	0.77	39.0	0.60	0.013	2.3	7	12.0
	0.75	0.95	26.0	0.60	0.011	2.4	10	15.5
	1.00	1.30	19.5	0.60	0.010	2.6	12	15.5

H07Z-K & H07V-K

Single-Core	1.5	1.6	13.3	0.7	0.010	3.1	21	15.5
	2.5	2	7.98	0.8	0.009	3.8	33	21
	4	2.6	4.95	0.8	0.007	4.4	48	28
	6	3.4	3.30	0.8	0.006	4.9	66	36
	10	4.4	1.91	1.0	0.0056	6.4	112	50
	16	5.7	1.21	1.0	0.0046	7.4	167	68
	25	6.9	0.78	1.2	0.0044	9.1	254	89
	35	8.1	0.554	1.2	0.0038	10.4	340	110
	50	9.8	0.386	1.4	0.0037	12.4	485	154
	70	11.6	0.272	1.4	0.0032	13.6	674	171
	95	13.3	0.206	1.6	0.0032	15.8	894	207
	120	15.1	0.161	1.6	0.0029	17.4	1110	239
	150	16.8	0.129	1.8	0.0029	19.8	1400	275
	185	18.8	0.106	2.0	0.0029	21.6	1700	314
	240	21.4	0.0801	2.2	0.0028	24.6	2230	369

For current rating and voltage drop please refer to Tables 18 & 19 (Page 58)