

VERSOLEX®

Versolex® Single and Multicore power cables are specialised industrial cables developed for the demanding market conditions. These multipurpose flexible cords and cable have been designed for use in commercial, building, OEM and industrial applications, including switchgear, welding and submersible (up to 500m). The Versolex® range delivers excellent electrical and environmental properties, including resistance to moisture, chemicals and oils.

Single and Multicore flexible copper conductor for easy termination
TPE (Thermoplastic Elastomer) Sheathed



Conductor range up to 630mm² for single core cables

Manufactured in accordance with AS/NZS 5000.1 & AS/NZS 3191 for cords

Single Core - Black

Nominal Conductor Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Nominal Overall Diameter	Min.bending Radius after Installation	Approx. mass	Code	Product code
mm²	mm	mm	mm	mm	kg/100m		
10	0.7	1.4	9.2	36	16	3637	BDSX01HE001CXNA
16	0.7	1.4	10.2	40	22	1091	BDSX02HE001CXNA
25	0.9	1.4	11.8	47	32	2239	BDSX03HE001CXNA
35	0.9	1.4	13.1	52	43	4065	BDSX04HE001CXNA
50	1.0	1.4	14.9	59	58	5426	BDSX05HE001CXNA
70	1.1	1.4	16.9	67	81	7045	BDSX06HE001CXNA
95	1.1	1.5	18.9	75	104	8513	BDSX07HE001CXNA
120	1.2	1.5	21.4	85	128	9871	BDSE87HE001CXNA
150	1.4	1.6	22.9	91	156	9327	BDSE88HE001CXNA
185	1.6	1.6	26.0	104	185	4035	BDSE89HE001CXNA
240	1.7	1.7	29.2	116	243	3209	BDSE90HE001CXNA
300	1.8	1.8	32.3	129	301	6406	BDSE91HE001CXNA
400	2.0	1.9	36.4	145	395	5788	BDSE92HE001CXNA
500	2.2	2.0	41.0	164	504	1943	BDSE93HE001CXNA
630	2.4	2.2	46.8	187	656	3939	BDSE94HE001CXNA

Maximum Operating Temp

60 °C (cord)
90 °C (cable)

Voltage Rating
0.6/1kV

Standards
AS/NZS 5000.1
AS/NZS 3191 up to 4mm²

Construction

Single and Multicore flexible copper conductor (Class 5)
Single core X-HF-90
Multicore up to 4mm² X-90
Multicore above 4mm² X-HF-90
TPE-90 Thermoplastic Elastomer sheathed

Multicore - Black

Nominal Conductor Area	Nominal insulation thickness	Nominal Sheath Thickness	Nominal Overall Diameter	Min.bending Radius after Installation	Approximate mass (kg/100m)	Code	Product code
mm²	mm	mm	mm	mm	kg/100m		
2C+E (Note: 6.0mm² is available on Made to Order) CORD AND/OR CABLE							
1.5	0.7	1.6	10.2	40	135	1228	EFGR04AA003CXHF
2.5	0.7	1.8	11.5	46	175	1260	EFGR05AA003CXHF
4.0	0.7	1.9	12.9	51	210	1376	EFGR06AA003CXHF
3C+E (Note: 10mm² - 35mm² are available on Made to Order) CORD AND/OR CABLE							
1.5	0.7	1.7	11.2	44	17	2595	GFGRO4AA004CXRJ
2.5	0.7	1.9	12.6	50	24	2621	GFGRO5AA004CXRJ
4.0	0.7	2.0	14.2	56	31	2693	GFGRO6AA004CXRJ
6.0	0.7	1.8	14.9	59	35	2751	PTFR07AA003CXRJ
4C+E (Note: 50mm² - 300mm² are available on Made to Order) CORD AND/OR CABLE							
1.5	0.7	1.8	12.3	49	21	5180	BWBR04AA005CXEM
2.5	0.7	2.0	13.9	55	29	6482	BWBR05AA005CXEM
4.0	0.7	2.2	15.9	63	40	9020	BWBR06AA004CXEM
4C+E (Note: 50mm² - 300mm² are available on Made to Order) CABLE ONLY							
6.0	0.7	1.8	16.2	64	42	2211	PTFR07AA004CXEM
10.0	0.7	1.8	19.5	78	64	7572	PTFX01AA004CXEM
16.0	0.8	1.8	22.8	91	89	7432	PTFX02AA004CXEM
25.0	0.9	1.8	26.5	106	130	7227	PTFX03AA004CXEM
35.0	0.9	1.8	29.8	119	177	7386	PTFX04AA004CXEM

Cable Current Ratings

Refer to AS/NZS 3008 table 5, 8, 11 and 14

Cord Current Ratings

Refer to AS/NZS 3008 table 16

Cables and Cords

	Cable	Cord
Max Operating Temp.	90°C	60°C
Application	Fixed installation	Flexible
Current rating	High rating due to 90°C operating temperature	Low rating due to operating temp limited to 60°C in order to limit surface temperatures
Voltage rating	0.6/1kV	0.6/1kV
Standard	AS/NZS5000.1	AS/NZS 3191

Single Core - Green/Yellow

Nominal Conductor Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Nominal Overall Diameter	Min.bending Radius after Installation	Approx. mass	Code	Product code
mm²	mm	mm	mm	mm	kg/100m		
10	0.21	1.4	8.5	34	13.9	2210	BDSX01HE001HTNA
16	0.21	1.4	9.8	39	20.0	3165	BDSX02HE001HTNA
25	0.21	1.4	11.3	45	27.5	4229	BDSX03HE001HTNA
35	0.21	1.4	12.5	50	36.7	5033	BDSX04HE001HTNA
50	0.31	1.4	14.3	57	51.3	6595	BDSX05HE001HTNA
70	0.31	1.4	16.2	64	70.7	7557	BDSX06HE001HTNA
95	0.31	1.5	18.1	72	91.7	8790	BDSX07HE001HTNA
120	0.51	1.5	20.6	82	107.8	2330	BDSE87HE001HTNA
150	0.51	1.6	22.5	90	144.2	4717	BDSE88HE001HTNA
185	0.51	1.6	24.6	98	174.5	3439	BDSE89HE001HTNA



High flexibility



Water immersion



Environmental exposure



Oil/fuel/solvent resistant



Acids/bases resistant



Operating temperature



Physical toughness

