

# FLEXIBLE SHOREPOWER

0.6/1kV 110°C



## APPLICATION

Flexible Shorepower cables suitable for all shipboard and marine applications.

## CONSTRUCTION

**Conductor:** Finely stranded annealed copper to IEC 60228 Class 5&6 & AS/NZS 1125.

Available in plain or tinned.

**Insulation:** LSFLEX<sup>®</sup>R-30 (X-HF-110)

Cross-linked, Thermoset, Elastomeric, Flame Retardant, Low Smoke, Zero Halogen  
Splash resistant to oil, skydrol, petrol, acid, sea water. Resists ozone and UV.

**Ripcord:** High strength ripcord under jacket

**Jacket:** E-Rubber<sup>®</sup>N-40, Elastomeric Rubber, Splash resistant to oil, skydrol, petrol, acid, sea water. Resists ozone and UV.

## VOLTAGE RATING

600/1000 Volts

## CORE IDENTIFICATION

To customer specification

## JACKET COLOUR

To customer specification

## STANDARDS

AS/NZS 1125

AS/NZS 5000.1

AS/NZS 3191

## OPERATING TEMP

-40°C to +110°C

NUMBER OF CONDUCTORS (c) X CROSS SECTION AREA (mm <sup>2</sup> )	MINIMUM BENDING RADIUS (mm)	APPROX. NUMBER OF WIRES			CONDUCTOR DIAMETER (mm)	OVERALL DIAMETER (mm) NOMINAL	APPROX. WEIGHT (kg/km)	CURRENT RATING* (Amps)
		TRIANGLE	CLASS 5	CLASS 6				
2c 1.5	27	-	-	-	1.5	9.1	105	28
2c 2.5	32	-	-	-	2.1	10.8	151	38
2c 4	35	-	-	-	2.5	11.8	197	50
2c 6	40	84	84	192	3.1	13.2	261	63
2c 10	52	144	80	320	4.1	17.5	460	88
2c 16	60	224	128	512	5.1	19.9	633	116
2c 25	72	350	200	800	6.4	24.1	950	154
2c 35	82	490	280	1120	7.8	27.5	1265	190

\*AS/NZS 3008, Table 11/14 (Fixed – Unenclosed spaced) 110°C operating temperature, 40°C ambient temperature. Refer to Technical Information for correction factors, voltage drop, short circuit rating and other conditions. Triangle Cables is not liable for any errors, omissions, etc., and reserves the right to modify specifications at any time

# FLEXIBLE SHOREPOWER

0.6/1kV 110°C



NUMBER OF CONDUCTORS (c) X CROSS SECTION AREA (mm <sup>2</sup> )	MINIMUM BENDING RADIUS (mm)	APPROX. NUMBER OF WIRES			CONDUCTOR DIAMETER (mm)	OVERALL DIAMETER (mm) NOMINAL	APPROX. WEIGHT (kg/km)	CURRENT RATING* (Amps)
		TRIANGLE	CLASS 5	CLASS 6				
3c 1.5	29	-	-	-	1.5	9.8	126	24
3c 2.5	34	-	-	-	2.1	11.3	177	32
3c 4	37	-	-	-	2.5	12.4	236	42
3c 6	42	84	84	192	3.1	14.1	324	54
3c 10	56	144	80	320	4.1	18.6	564	75
3c 16	63	224	128	512	5.1	21.1	788	99
3c 25	77	350	200	800	6.4	25.6	1187	131
3c 35	87	490	280	1120	7.8	29.1	1588	162
3c 50	100	707	400	705	9.2	33.3	2203	204
3c 70	114	991	356	990	10.8	38.0	2943	255
3c 95	130	1344	485	1340	12.8	43.4	3925	306
3c 120	145	1692	614	1690	14.5	48.3	4857	360
3c 150	162	2124	765	2123	16.3	54.1	6138	413
3c 185	179	2584	994	1470	18.0	59.6	7451	470
3c 240	199	3344	1125	1905	20.3	66.3	9454	599
3c 300	218	4144	1530	2385	22.5	72.7	11788	638
4c 1.5	32	-	-	-	1.5	10.7	153	24
4c 2.5	37	-	-	-	2.1	12.4	216	32
4c 4	41	-	-	-	2.5	13.8	296	42
4c 6	47	84	84	192	3.1	15.7	406	54
4c 10	61	144	80	320	4.1	20.4	698	75
4c 16	70	224	128	512	5.1	23.2	980	99
4c 25	85	350	200	800	6.4	28.3	1491	131
4c 35	97	490	280	1120	7.8	32.2	1996	162
4c 50	110	707	400	705	9.2	36.8	2774	204
4c 70	127	991	356	990	10.8	42.2	3727	255
4c 95	144	1344	485	1340	12.8	48.0	4967	306
4c 120	161	1692	614	1690	14.5	53.6	6164	360
4c 150	181	2124	765	2123	16.3	60.2	7808	413
4c 185	199	2584	994	1470	18.0	66.3	9462	470
4c 240	221	3344	1125	1905	20.3	73.8	12038	559
4c 300	242	4144	1530	2385	22.5	80.8	15015	638
5c 1.5	35	-	-	-	1.5	11.8	191	24
5c 2.5	42	-	-	-	2.1	13.9	275	32
5c 4	46	-	-	-	2.5	15.2	367	42
5c 6	52	84	84	192	3.1	17.3	501	54
5c 10	67	144	80	320	4.1	22.6	852	75
5c 16	77	224	128	512	5.1	25.6	1208	99
5c 25	94	350	200	800	6.4	31.2	1832	131
5c 35	107	490	280	1120	7.8	35.8	2466	162
5c 50	123	707	400	705	9.2	41.1	3441	204

\*AS/NZS 3008, Table 11/14 (Fixed – Unenclosed spaced) 110°C operating temperature, 40°C ambient temperature. Refer to Technical Information for correction factors, voltage drop, short circuit rating and other conditions. Triangle Cables is not liable for any errors, omissions, etc., and reserves the right to modify specifications at any time