



Type 240 1.1 to 11KV

» Applications

These cables are mainly used as feeder cables for power supply to machinery or longwall supply. Cable contains 3 large pilots and large Core Screens provide for low resistance earthing.

» Standards

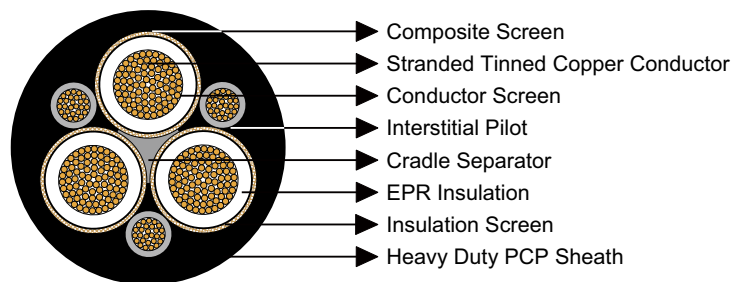
AS/NZS 1802:2003

AS/NZS 1125

AS/NZS 3808

AS/NZS 5000.1

» Construction



3×Conductors: Flexible stranded tinned annealed copper conductor.

Conductor Screen: Semiconductive compound (for cables having a voltage rating of 3.3/3.3kV and above).

Insulation: EPR.

Insulation Screen: Semiconductive elastomer.

Composite Screen (earth conductor): Tinned annealed copper braiding interwove with polyester yarn.

3×Interstitial Pilot: EPR covered flexible stranded tinned copper conductor.

Cradle Separator: Semiconductive PCP.

Sheath: Heavy duty PCP sheath. Heavy duty CPE/CSP sheath can be offered upon request.



AS/NZS 1802:2003 Reeling & Trailing Cables

» Dimensions and Weight

Nominal Conductor Area	Strand Size	Insulation Thickness	Core Screen		Pilot Conductor		Thickness of Sheath	Nominal Overall Diameter	Nominal Weight
			Strand Size	Area of Screen	Strand Size	Thickness of Covering			
mm ²	No/mm	mm	No/mm	mm ²	No/mm	mm	mm	mm	kg/100m
Type 240.1									
6	84/0.30	1.5	7/0.25	7.2	18/0.30	1.0	3.8	30.0	131
10	77/0.40	1.5	7/0.25	8.6	27/0.30	1.0	3.8	32.6	159
16	126/0.40	1.6	7/0.25	9.6	42/0.30	1.0	4.0	35.8	202
25	209/0.40	1.6	7/0.25	11.3	66/0.30	1.2	4.3	39.7	265
35	285/0.40	1.6	7/0.25	12.4	90/0.30	1.2	4.6	43.1	326
50	380/0.40	1.7	7/0.25	14.1	120/0.30	1.2	5.0	47.7	404
70	203/0.67	1.8	7/0.25	16.5	39/0.67	1.2	5.4	53.9	533
95	259/0.67	2.0	7/0.25	18.2	39/0.67	1.2	6.0	58.6	635
120	336/0.67	2.1	7/0.25	20.3	42/0.67	1.4	6.4	64.4	775
150	427/0.67	2.3	7/0.25	22.3	54/0.67	1.4	6.9	70.2	940
185	518/0.67	2.5	7/0.30	30.2	63/0.67	1.4	7.4	77.4	1150
240	672/0.67	2.8	7/0.30	33.6	77/0.67	1.6	8.2	86.0	1440
300	854/0.67	3.0	7/0.40	50.1	98/0.67	1.6	8.8	95.1	1810
Type 240.3									
16	126/0.40	3.0	7/0.25	13.1	42/0.30	1.4	5.3	46.2	306
25	209/0.40	3.0	7/0.25	14.8	66/0.30	1.4	5.6	50.1	379
35	285/0.40	3.0	7/0.25	15.8	90/0.30	1.4	5.9	53.5	444
50	380/0.40	3.0	7/0.25	17.2	120/0.30	1.4	6.3	57.6	525
70	203/0.67	3.0	7/0.25	18.6	39/0.67	1.4	6.6	62.5	656
95	259/0.67	3.0	7/0.25	20.3	39/0.67	1.4	7.1	66.2	750
120	336/0.67	3.0	7/0.30	27.2	42/0.67	1.6	7.4	72.0	910
150	427/0.67	3.0	7/0.40	39.6	54/0.67	1.6	7.8	78.0	1115
185	518/0.67	3.0	7/0.40	42.2	63/0.67	1.8	8.2	83.4	1280
240	672/0.67	3.0	7/0.40	46.6	77/0.67	1.8	8.8	90.3	1540
300	854/0.67	3.0	7/0.50	63.2	98/0.67	1.8	9.4	98.4	1920
Type 240.6									
16	126/0.40	5.0	7/0.25	17.2	42/0.30	1.4	6.4	57.3	440
25	209/0.40	5.0	7/0.25	18.6	66/0.30	1.4	6.7	61.2	521



Nominal Conductor Area	Strand Size	Insulation Thickness	Core Screen		Pilot Conductor		Thickness of Sheath	Nominal Overall Diameter	Nominal Weight
			Strand Size	Area of Screen	Strand Size	Thickness of Covering			
mm ²	No/mm	mm	No/mm	mm ²	No/mm	mm	mm	mm	kg/100m
35	285/0.40	5.0	7/0.25	18.6	90/0.30	1.6	7.0	64.6	593
50	380/0.40	5.0	7/0.25	21.3	120/0.30	1.6	7.3	68.5	685
70	203/0.67	5.0	7/0.25	23.4	39/0.67	1.6	7.7	73.7	830
95	259/0.67	5.0	7/0.30	29.2	39/0.67	1.6	8.1	77.8	954
120	336/0.67	5.0	7/0.30	31.7	42/0.67	1.8	8.5	83.1	1111
150	427/0.67	5.0	7/0.40	45.7	54/0.67	1.8	8.9	89.1	1335
185	518/0.67	5.0	7/0.40	48.4	63/0.67	1.8	9.3	94.5	1515
240	672/0.67	5.0	7/0.40	52.8	77/0.67	1.8	9.9	101.4	1810
300	854/0.67	5.0	7/0.50	71.5	98/0.67	1.8	10.4	109.3	2190
Type 240.11									
25	209/0.40	7.6	7/0.25	23.7	66/0.30	2.0	8.1	75.6	752
35	285/0.40	7.6	7/0.30	30.2	90/0.30	2.0	8.4	79.7	860
50	380/0.40	7.6	7/0.30	31.7	120/0.30	2.0	8.7	83.6	961
70	203/0.67	7.6	7/0.30	34.1	39/0.67	2.0	9.1	88.8	1125
95	259/0.67	7.6	7/0.40	47.5	39/0.67	2.0	9.6	93.7	1300
120	336/0.67	7.6	7/0.40	51.0	42/0.67	2.2	9.9	98.8	1470
150	427/0.67	7.6	7/0.40	53.7	54/0.67	2.2	10.3	103.5	1659
185	518/0.67	7.6	7/0.40	57.2	63/0.67	2.2	10.7	108.8	1880