



Type 260 1.1 to 11KV

» Applications

These armoured cables are mainly used as feeder cables for power supply where mechanical protection and strength is required, and also can be the feeder to machinery and i.e. transportable mining substation (sand mining).

» Standards

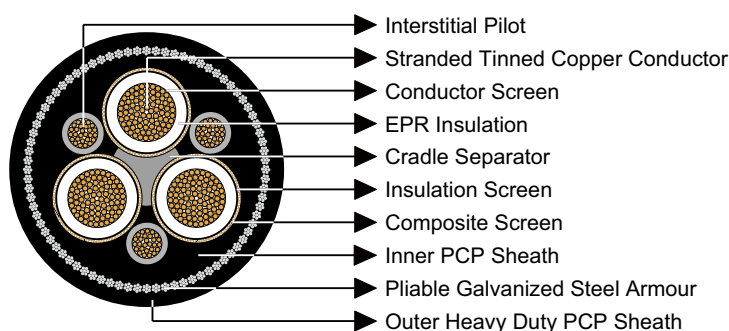
AS/NZS 1802:2003

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.

Cradle Separator: Semiconductive PCP.

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

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

Caledonian Mining Cables

AS/NZS 1802:2003 Reeling & Trailing Cables



Pliable Armour: Galvanized low carbon (mild) steel strands.

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

» Dimensions and Weight

Nominal Conductor Area	Strand Size	Insulation Thickness	Core Screen		Pilot Conductor		Pliable Armour Size	Thickness of Sheath		Nominal Overall Diameter	Nominal Weight
			Strand Size	Area of Screen	Strand Size	Thickness of Covering		Inner	Outer		
mm ²	No/mm	mm	No/mm	mm ²	No/mm	mm	No/mm	mm	mm	mm	kg/100m
Type 260.1											
6	84/0.30	1.5	7/0.25	7.2	18/0.30	1.0	7/0.45	2.0	3.8	36.9	230
10	77/0.40	1.5	7/0.25	8.6	27/0.30	1.0	7/0.45	2.0	3.8	39.5	265
16	126/0.40	1.6	7/0.25	9.6	42/0.30	1.0	7/0.90	2.5	4.0	46.5	410
25	209/0.40	1.6	7/0.25	11.3	66/0.30	1.2	7/0.90	2.5	4.3	50.4	495
35	285/0.40	1.6	7/0.25	12.4	90/0.30	1.2	7/0.90	2.5	4.6	53.8	576
50	380/0.40	1.7	7/0.25	14.1	120/0.30	1.2	7/0.90	2.5	5.0	58.4	679
70	203/0.67	1.8	7/0.25	16.5	39/0.67	1.2	7/0.90	2.5	5.4	64.6	837
95	259/0.67	2.0	7/0.25	18.2	39/0.67	1.2	7/0.90	3.5	6.0	71.4	1003
120	336/0.67	2.1	7/0.25	20.3	42/0.67	1.4	7/0.90	3.5	6.4	77.2	1176
150	427/0.67	2.3	7/0.25	22.3	54/0.67	1.4	7/0.90	3.5	6.9	83.0	1372
185	518/0.67	2.5	7/0.30	30.2	63/0.67	1.4	7/0.90	3.5	7.4	90.0	1610
240	672/0.67	2.8	7/0.30	33.6	77/0.67	1.6	7/1.25	4.5	8.2	103.0	2150
300	854/0.67	3.0	7/0.40	50.1	98/0.67	1.6	7/1.25	4.5	8.8	112.1	2590
Type 260.3											
16	126/0.40	3.0	7/0.25	13.1	42/0.30	1.4	7/0.90	2.5	5.3	56.9	566
25	209/0.40	3.0	7/0.25	14.8	66/0.30	1.4	7/0.90	2.5	5.6	60.8	661
35	285/0.40	3.0	7/0.25	15.8	90/0.30	1.4	7/0.90	3.5	5.9	66.3	779
50	380/0.40	3.0	7/0.25	17.2	120/0.30	1.4	7/0.90	3.5	6.3	70.4	886
70	203/0.67	3.0	7/0.25	18.6	39/0.67	1.4	7/0.90	3.5	6.6	75.3	1044
95	259/0.67	3.0	7/0.25	20.3	39/0.67	1.4	7/0.90	3.5	7.1	78.9	1156
120	336/0.67	3.0	7/0.30	27.2	42/0.67	1.6	7/0.90	3.5	7.4	84.7	1350
150	427/0.67	3.0	7/0.40	39.6	54/0.67	1.6	7/1.25	4.5	7.8	95.0	1779
185	518/0.67	3.0	7/0.40	42.2	63/0.67	1.8	7/1.25	4.5	8.2	100.4	1990
240	672/0.67	3.0	7/0.40	46.6	77/0.67	1.8	7/1.25	4.5	8.8	107.3	2300



Nominal Conductor Area	Strand Size	Insulation Thickness	Core Screen		Pilot Conductor		Pliable Armour Size	Thickness of Sheath		Nominal Overall Diameter	Nominal Weight
			Strand Size	Area of Screen	Strand Size	Thickness of Covering		Inner	Outer		
mm ²	No/mm	mm	No/mm	mm ²	No/mm	mm	No/mm	mm	mm	mm	kg/100m
300	854/0.67	3.0	7/0.50	63.2	98/0.67	1.8	7/1.25	4.5	9.4	115.4	2710
Type 260.6											
16	126/0.40	5.0	7/0.25	17.2	42/0.30	1.4	7/0.90	3.5	6.4	70.1	796
25	209/0.40	5.0	7/0.25	18.6	66/0.30	1.4	7/0.90	3.5	6.7	74.0	897
35	285/0.40	5.0	7/0.25	18.6	90/0.30	1.6	7/0.90	3.5	7.0	77.4	990
50	380/0.40	5.0	7/0.25	21.3	120/0.30	1.6	7/0.90	3.5	7.3	81.2	1102
70	203/0.67	5.0	7/0.25	23.4	39/0.67	1.6	7/1.25	4.5	7.7	90.7	1456
95	259/0.67	5.0	7/0.30	29.2	39/0.67	1.6	7/1.25	4.5	8.1	94.8	1610
120	336/0.67	5.0	7/0.30	31.7	42/0.67	1.8	7/1.25	4.5	8.5	100.2	1807
150	427/0.67	5.0	7/0.40	45.7	54/0.67	1.8	7/1.25	4.5	8.9	106.2	2080
185	518/0.67	5.0	7/0.40	48.4	63/0.67	1.8	7/1.25	4.5	9.3	111.5	2300
240	672/0.67	5.0	7/0.40	52.8	77/0.67	1.8	7/1.25	4.5	9.9	118.4	2630
300	854/0.67	5.0	7/0.50	71.5	98/0.67	1.8	7/1.25	4.5	10.4	126.3	3060
Type 260.11											
25	209/0.40	7.6	7/0.25	23.7	66/0.30	2.0	7/1.25	4.5	8.1	92.7	1380
35	285/0.40	7.6	7/0.30	30.2	90/0.30	2.0	7/1.25	4.5	8.4	96.7	1528
50	380/0.40	7.6	7/0.30	31.7	120/0.30	2.0	7/1.25	4.5	8.7	100.6	1664
70	203/0.67	7.6	7/0.30	34.1	39/0.67	2.0	7/1.25	4.5	9.1	105.8	1867
95	259/0.67	7.6	7/0.40	47.5	39/0.67	2.0	7/1.25	4.5	9.6	110.7	2080
120	336/0.67	7.6	7/0.40	51.0	42/0.67	2.2	7/1.25	4.5	9.9	115.8	2290
150	427/0.67	7.6	7/0.40	53.7	54/0.67	2.2	7/1.25	4.5	10.3	120.5	2510
185	518/0.67	7.6	7/0.40	57.2	63/0.67	2.2	7/1.25	4.5	10.7	125.9	2750