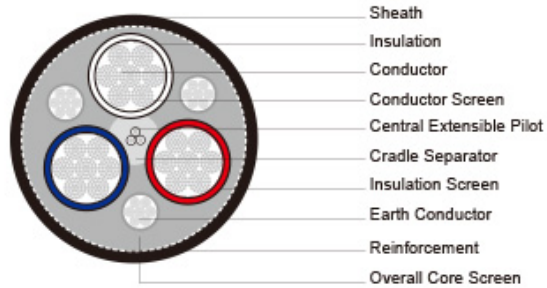


Type 245 1.1 to 6.6KV



Applications	These very flexible cables are mainly used as longwall shearer cables, and also for continuous miners and peripheral longwall cables. Cable has 3 central pilots for earth continuity monitoring and for control circuits.
Standards	AS/NZS 1802:2003 AS/NZS 1125 AS/NZS 3808 AS/NZS 5000.1
Construction	
3xConductors	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.
Cradle Separator	Semiconductive PCP.
Overall Core Screen	Semiconductive PCP filling and covering.
3xInterstitial Earth Conductor	Semiconductive PCP covered flexible stranded tinned copper conductor.
3xCentral Extensible Pilot	EPR covered flexible stranded tinned copper conductor.
Textile Reinforcement	Open-weave braid reinforcement.
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	Earth Conductor		Pilot Conductor		Thickness of Sheath Including SC PCP Layer	Nominal Overall Diameter	Nominal Weight
			Strand Size	Thickness of Covering	Strand Size	Thickness of Covering			

mm ²	No/mm	mm	No/mm	mm	No/mm	mm	mm	mm	kg/100 m
Type 245.1									
16	133/0.40	2.0	69/0.25	1.8	28/0.25	0.8	4.1	42.6	235
25	259/0.36	1.6	91/0.25	1.8	28/0.25	0.8	4.2	43.4	269
35	287/0.40	1.6	140/0.25	1.4	28/0.25	0.8	4.4	45.6	315
50	703/0.30	1.7	120/0.30	1.0	28/0.25	0.8	4.8	48.4	390
70	988/0.30	1.8	180/0.30	1.0	28/0.25	0.8	5.1	53.9	501
95	1332/0.3 0	2.0	150/0.30	1.0	28/0.25	0.8	5.6	60.4	630
120	1702/0.3 0	2.1	195/0.30	1.2	28/0.25	0.8	6.0	65.5	765
150	2146/0.3 0	2.3	235/0.30	1.2	28/0.25	0.8	6.3	70.5	915
Type 245.3									
25	259/0.36	3.0	91/0.25	1.5	28/0.25	0.8	5.2	51.1	338
35	287/0.40	3.0	140/0.25	1.0	28/0.25	0.8	5.4	54.5	398
50	703/0.30	3.0	120/0.30	1.0	28/0.25	0.8	5.7	56.8	490
70	988/0.30	3.0	180/0.30	1.2	28/0.25	0.8	6.0	61.2	592
95	1332/0.3 0	3.0	235/0.30	1.2	28/0.25	0.8	6.4	66.6	739
120	1702/0.3 0	3.0	300/0.30	1.2	28/0.25	0.8	6.7	71.0	870
150	2146/0.3 0	3.0	375/0.30	1.2	28/0.25	0.8	7.0	75.2	1028
Type 245.6									
50	703/0.30	5.0	120/0.30	1.4	28/0.25	0.8	6.7	67.2	635
70	988/0.30	5.0	180/0.30	1.4	28/0.25	0.8	7.0	71.7	755
95	1332/0.3 0	5.0	235/0.30	1.4	28/0.25	0.8	7.4	77.1	905
120	1702/0.3 0	5.0	300/0.30	1.4	28/0.25	0.8	7.7	81.3	1050
150	2146/0.3 0	5.0	375/0.30	1.4	28/0.25	0.8	8.0	85.8	1210