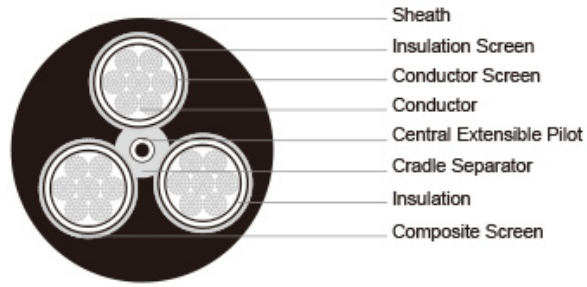


Type 409 1.1 to 22KV



Applications	Type 409 series cable is mainly used as a flexible feeder to machinery, more suitable as a trailing cable rather than for reeling. Smaller cables are used for drills and hand held tools and equipment, while larger ones are used for power supply to draglines, shovels and drills.
Standards	AS/NZS 2802:2000 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.
Composite Screen (earth conductor)	Tinned annealed copper braiding interwoven with polyester yarn.
Cradle Separator	Semiconductive PCP.
1xCentral Extensible Pilot	EPR covered flexible stranded tinned copper conductor.
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		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 409.1 Class2									
6	84/0.30	1.5	7/0.25	7.2	24/0.20	0.8	3.8	30.0	129

10	77/0.40	1.5	7/0.25	8.6	24/0.2 0	0.8	3.8	32.6	157
16	126/0.4 0	1.6	7/0.25	9.6	24/0.2 0	0.8	4.0	35.8	197
25	209/0.4 0	1.6	7/0.25	11.3	24/0.2 0	0.8	4.3	39.7	255
35	285/0.4 0	1.6	7/0.25	12.4	24/0.2 0	0.8	4.6	43.1	312
50	380/0.4 0	1.7	7/0.25	14.1	40/0.2 0	0.8	5.0	47.7	386
70	203/0.6 7	1.8	7/0.25	16.5	40/0.2 0	0.8	5.4	53.9	503
95	259/0.6 7	2.0	7/0.30	21.8	40/0.2 0	0.8	6.0	59.3	622
120	336/0.6 7	2.1	7/0.30	24.7	40/0.2 0	0.8	6.4	65.1	760
150	427/0.6 7	2.3	7/0.40	36.1	40/0.2 0	0.8	6.9	72.1	960
185	518/0.6 7	2.5	7/0.40	40.5	40/0.2 0	0.8	7.4	78.6	1160
240	672/0.6 7	2.8	7/0.50	57.7	40/0.2 0	0.8	8.2	88.6	1490
300	854/0.6 7	3.0	7/0.50	63.2	40/0.2 0	0.8	8.8	96.3	1800
Type 409.3 Class2									
16	126/0.4 0	3.0	7/0.25	13.1	24/0.2 0	0.8	5.3	46.2	301
25	209/0.4 0	3.0	7/0.25	14.8	24/0.2 0	0.8	5.6	50.1	371
35	285/0.4 0	3.0	7/0.25	15.8	24/0.2 0	0.8	5.9	53.5	430
50	380/0.4 0	3.0	7/0.25	17.2	40/0.2 0	0.8	6.3	57.6	511
70	203/0.6 7	3.0	7/0.25	18.6	40/0.2 0	0.8	6.6	62.5	624
95	259/0.6 7	3.0	7/0.25	20.3	40/0.2 0	0.8	7.1	66.2	724
120	336/0.6 7	3.0	7/0.30	27.2	40/0.2 0	0.8	7.4	72.0	880

150	427/0.6 7	3.0	7/0.40	39.6	40/0.2 0	0.8	7.8	78.0	1079
185	518/0.6 7	3.0	7/0.40	42.2	40/0.2 0	0.8	8.2	83.4	1251
240	672/0.6 7	3.0	7/0.40	46.6	40/0.2 0	0.8	8.8	90.3	1502
300	854/0.6 7	3.0	7/0.50	63.2	40/0.2 0	0.8	9.4	98.4	1840
Type 409.6 Class2									
16	126/0.4 0	5.0	7/0.25	17.2	24/0.2 0	0.8	6.4	57.3	440
25	209/0.4 0	5.0	7/0.25	18.6	24/0.2 0	0.8	6.7	61.2	516
35	285/0.4 0	5.0	7/0.25	18.6	24/0.2 0	0.8	7.0	64.6	584
50	380/0.4 0	5.0	7/0.25	21.3	40/0.2 0	0.8	7.3	68.5	669
70	203/0.6 7	5.0	7/0.25	23.4	40/0.2 0	0.8	7.7	73.7	804
95	259/0.6 7	5.0	7/0.30	29.2	40/0.2 0	0.8	8.1	77.8	934
120	336/0.6 7	5.0	7/0.30	31.7	40/0.2 0	0.8	8.5	83.1	1090
150	427/0.6 7	5.0	7/0.40	45.7	40/0.2 0	0.8	8.9	89.1	1310
185	518/0.6 7	5.0	7/0.40	48.4	40/0.2 0	0.8	9.3	94.5	1479
240	672/0.6 7	5.0	7/0.40	52.8	40/0.2 0	0.8	9.9	101.4	1749
300	854/0.6 7	5.0	7/0.50	71.5	40/0.2 0	0.8	10.4	109.3	2120
Type 409.11 Class2									
25	209/0.4 0	7.6	7/0.25	23.7	24/0.2 0	0.8	8.1	75.6	750
35	285/0.4 0	7.6	7/0.30	30.2	24/0.2 0	0.8	8.4	79.7	859
50	380/0.4 0	7.6	7/0.30	31.7	40/0.2 0	0.8	8.7	83.6	954
70	203/0.6 7	7.6	7/0.30	34.1	40/0.2 0	0.8	9.1	88.8	1105

95	259/0.6 7	7.6	7/0.40	47.5	40/0.2 0	0.8	9.6	93.7	1290
120	336/0.6 7	7.6	7/0.40	51.0	40/0.2 0	0.8	9.9	98.8	1460
150	427/0.6 7	7.6	7/0.40	53.7	40/0.2 0	0.8	10.3	103.5	1636
185	518/0.6 7	7.6	7/0.40	57.2	40/0.2 0	0.8	10.7	108.8	1830
Type 409.22 Class2									
35	285/0.4 0	10.5	7/0.40	55.4	24/0.2 0	0.8	10.0	105.0	1405
50	380/0.4 0	10.5	7/0.40	58.1	40/0.2 0	0.8	10.3	108.9	1525
70	203/0.6 7	10.5	7/0.40	60.7	40/0.2 0	0.8	10.7	114.0	1710