



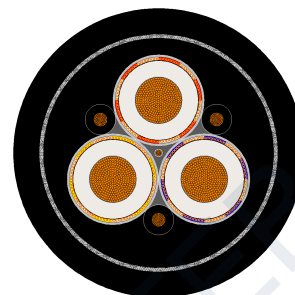
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrialcable

TYPE 260 ARMoured MINING CABLE

1.1 kV to 11 kV armoured mining cable with pilot core to AS/NZS 1802



APPLICATION

Armoured power cables mainly used as feeder cables for power supply where mechanical protection and strength are required. Suitable as feeder cables to machinery and transportable mining substations.

CONSTRUCTION

Parameter	Value
Conductor	Flexible stranded tinned annealed copper
Conductor screen	Semiconductive compound for cables rated 3.3/3.3 kV and above
Insulation	EPR compound
Insulation screen	Semiconductive elastomer
Screen / earth conductor	Tinned copper braid interwoven with polyester yarn
Cradle separator	Semiconductive PCP
Interstitial pilot	EPR covered flexible stranded tinned copper
Inner sheath	PCP compound
Armour	SWA pliable galvanised steel wires
Sheath	Heavy duty PCP sheath; CPE/CSP sheath available upon request

CABLE CHARACTERISTICS

Parameter	Value
Standard	AS/NZS 1802
Voltage rating	1.1 kV Type 260.1; 3.3 kV Type 260.3; 6.6 kV Type 260.6; 11 kV Type 260.11
Maximum continuous operating temperature	+90 deg C
Minimum installation temperature	-25 deg C
Installation conditions	Feeder cable service where mechanical protection and strength are required
Sheath colour	Black
Flame performance	C1

TECHNICAL DATA

Complete nominal dimensional data. Source ordering codes have been omitted.

TYPE 260.1 - 1.1 kV												
Cores	Area mm2	Conductor strand	Insul. mm	Core screen strand	Screen mm2	Pilot strand	Pilot cover mm	Armour No/mm	Inner sheath mm	Outer sheath mm	Cable Dia. mm	Mass kg/100m
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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 - 3.3 kV												
Cores	Area mm2	Conductor strand	Insul. mm	Core screen strand	Screen mm2	Pilot strand	Pilot cover mm	Armour No/mm	Inner sheath mm	Outer sheath mm	Cable Dia. mm	Mass kg/100m
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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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

TECHNICAL DATA

Complete nominal dimensional data. Source ordering codes have been omitted.

TYPE 260.6 - 6.6 kV												
Cores	Area mm2	Conductor strand	Insul. mm	Core screen strand	Screen mm2	Pilot strand	Pilot cover mm	Armour No/mm	Inner sheath mm	Outer sheath mm	Cable Dia. mm	Mass kg/100m
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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 - 11 kV												
Cores	Area mm2	Conductor strand	Insul. mm	Core screen strand	Screen mm2	Pilot strand	Pilot cover mm	Armour No/mm	Inner sheath mm	Outer sheath mm	Cable Dia. mm	Mass kg/100m
3	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
3	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
3	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
3	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
3	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
3	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
3	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
3	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

CERTIFICATIONS

