

TYPE 2S MINING CABLE

AS/NZS 1972:2006 Cables

APPLICATION

These individually copper screened cables are used for wiring of machines or between machines and equipment where a rubber cable is desired. These cables are also used for longwall lighting circuits, and may contain pilot and control cores or twisted pair and screened cores.

STANDARDS

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CONSTRUCTION

CONDUCTORS:

Stranded tinned annealed copper conductor.

INSULATION: EPR.

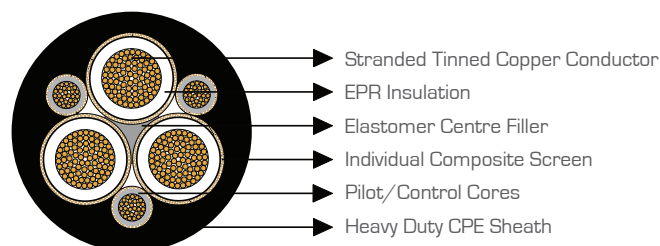
FILLING: Elastomer centre filler.

PILOT/CONTROL CORES: EPR covered and composite screened flexible stranded tinned copper conductor.

INDIVIDUAL COMPOSITE SCREEN (EARTH CONDUCTOR):

Tinned annealed copper braiding interwove with

SHEATH: Heavy duty CPE sheath.



polyester yarn.

Number of Core	Nominal Conductor Area	Strand Size	Insulation Thickness	Core Screen		Pilot Conductor			Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Strand Weight
				Strand Size	Area of Screen	Number of Pilots	Strand Size	Thickness of Covering			
	mm ²	No/mm	mm	mm	mm ²		No/mm	mm	mm	mm	kg/100m
Type 2S 1.1/1kV Individually Screened											
3	10	77/0.40	1.2	0.2	7.9	3	-	-	1.8	22.1	69
4	10	77/0.40	1.2	0.2	7.9	4	-	-	1.8	23.0	93
2	16	126/0.40	1.2	0.2	9.0	2	-	-	1.8	22.0	81
3	16	126/0.40	1.2	0.2	9.0	3	-	-	1.8	23.4	100
4	16	126/0.40	1.2	0.2	9.0	4	-	-	1.8	26.8	135
3	10	77/0.40	1.2	0.2	7.9	3	30/0.20	1.0	1.8	22.5	87
2	16	126/0.40	1.2	0.2	9.0	2	30/0.20	1.0	1.8	22.7	88
3	16	126/0.40	1.2	0.2	9.0	3	30/0.20	1.0	1.8	27.7	130
3	25	209/0.40	1.4	0.2	11.3	3	30/0.20	1.0	1.8	29.2	165
3	35	285/0.40	1.4	0.2	12.4	3	30/0.20	1.0	1.8	31.6	200
3	50	380/0.40	1.6	0.25	17.5	3	30/0.20	1.0	1.9	36.1	260
Type 2S 1.1/1kV Individually and Collectively Screened											
30	1.5	30/0.25	1.0	0.3	14.0	-	-	-	1.9	32.6	170
Type 2S 3.3/3.3Kv Individually Screened											
3	10	77/0.40	3.0	0.2	11.3	3	30/0.25	1.0	1.8	28.9	130
3	16	126/0.40	3.0	0.2	12.4	3	30/0.25	1.0	1.8	31.3	160
3	25	209/0.40	3.0	0.2	13.6	3	30/0.25	1.0	1.9	34.8	210
3	35	285/0.40	3.0	0.2	15.3	3	30/0.25	1.0	2.0	37.8	250
3	50	380/0.40	3.0	0.2	17.0	3	30/0.25	1.0	2.1	41.3	305
3	70	203/0.67	3.0	0.3	30.5	3	30/0.25	1.0	2.2	46.8	415
3	95	259/0.67	3.0	0.3	30.5	3	30/0.25	1.0	2.3	49.6	490
3	120	336/0.67	3.0	0.4	47.5	3	30/0.25	1.0	2.5	55.0	620