



Type A & B 1.1/1.1KV

» Applications

These cables are used as 1.1kV cables to distribute power within the mine, suitable for use in underground coal mines. For Type A cables, optional 3 pilots can be selected.

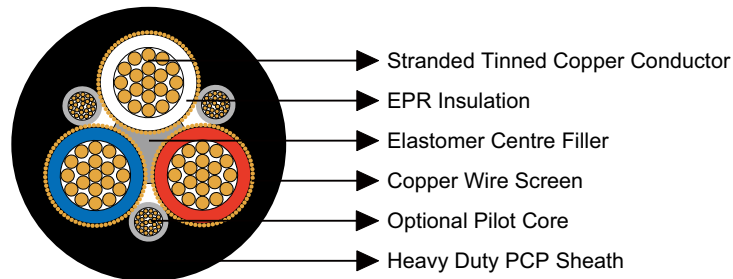
» Standards

AS/NZS 1972:2006

AS/NZS 1125

AS/NZS 3808

» Construction



Conductors: Stranded tinned annealed copper conductor.

Insulation: EPR.

Filling: Elastomer centre filler.

Optional Pilot Core (Type A only): CPE composite insulated and covered pilot conductor.

Screen (earth conductor): Copper wire.

Sheath: Heavy duty PCP sheath.



» Dimensions and Weight

Nominal Conductor Area	Strand Size	Insulation Thickness	Core Screen		Pilot Conductor		Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
			Strand Size	Area of Screen	Strand Size	Thickness of Covering			
mm ²	No/mm	mm	mm	mm ²	No/mm	mm	mm	mm	kg/100m
Type A & B									
16	7/1.70	1.4	48/0.40	6.0	24/0.20	1.6	2.5	24.6	120
25	19/1.35	1.4	57/0.40	7.2	32/0.20	1.8	2.5	28.0	170
35	19/1.53	1.5	63/0.40	7.9	30/0.25	1.8	2.5	30.4	205
50	19/1.78	1.7	72/0.40	9.0	50/0.25	2.0	3.0	34.9	270
70	19/2.14	1.8	67/0.50	13.2	80/0.25	2.0	3.3	40.2	370
95	19/2.52	2.0	77/0.50	15.1	80/0.25	2.0	3.8	46.1	490
120	37/2.03	2.2	65/0.67	22.9	80/0.25	2.0	3.8	51.1	615
150	37/2.25	2.3	70/0.67	24.7	80/0.25	2.0	4.4	56.0	740
185	37/2.52	2.5	78/0.67	27.5	80/0.25	2.0	5.1	62.3	915
240	61/2.25	2.7	45/1.35	64.4	80/0.25	2.0	5.7	72.9	1290