

Mining Cable

Type 241.1 Reeling and trailing cables

Suitable for underground coal mining

Construction

Class 5 tinned and annealed copper wires. Power, earth and pilot conductors comply with AS/NZS 1125:2001 and AS/NZS 1802:2003. Crush-resistant central cradle construction, flexible Ethylene Propylene Rubber (EPR) insulation, reinforced Radial-strengthened heavy duty jacket, oil-resistant and flame-retardant.

Minimum Bending Radius

Flexing: 6 x cable diameter
Fixed: 4 x cable diameter

Temperature range

-25°C - +90°C

Colour coding

Core ID: Red, (black), White, (black), Blue, (black)

Standards

AS/NZS 1802:2003
AS/NZS 1125:2001

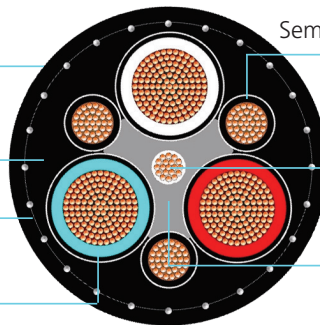


Heavy duty thermosetting sheath

Semi-conductive thermosetting filling and covering

Open weave braid reinforcement

EPR insulated and semi-conductive elastomer screened power conductors



Semi-conductive thermosetting covered earth conductors

EPR covered miniature extensible pilot conductor

Semi-conductive thermosetting cradle separator

All cables are marked with type of cable, manufacturer and year of manufacture.

Part No.	Description	Power Conductor			Earth Conductor			Sheath thickness including semi-conductive core screen mm	Approx. overall Ø mm	Approx. weight kg/km
		Nominal conductor area mm ²	Insulation thickness mm	Stranding	Nominal conductor area mm ²	Stranding	Semi-conductive covering thickness mm			
G-020250	Type 241.1 6	6	1.5	84/0.3	8.19	18/0.3	1	3.8	29.7	1060
G-004834	Type 241.1 35	35	1.6	285/0.4	13.28	90/0.3	1	4.4	39.8	2540
G-023336	Type 241.1 50	50	1.8	380/0.4	14.98	120/0.3	1	4.9	45.2	3280
G-020313	Type 241.1 70	70	1.8	361/0.5	17.32	110/0.4	1	5.3	50	4250
G-020323	Type 241.1 95	95	2	475/0.5	19.31	110/0.4	1	5.8	56	5320
G-020330	Type 241.1 120	120	2.1	608/0.5	21.18	110/0.4	1.2	6.3	59.5	6330
G-023337	Type 241.1 150	150	2.3	740/0.5	23.44	135/0.4	1.2	6.7	64.9	7660
G-023580	Type 241.1 185	185	2.5	925/0.5	25.82	165/0.4	1.4	7.3	71.3	9240