

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 HD-85-PCP outer sheath, oil-resistant and flame retardant.

Minimum Bending Radius:

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

Nominal Voltage:

1.1kV

Temperature Range:

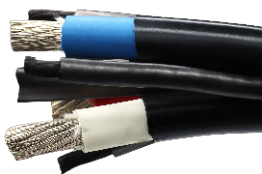
-25°C - +90°C

Colour Coding:

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

Relevant Standard:

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



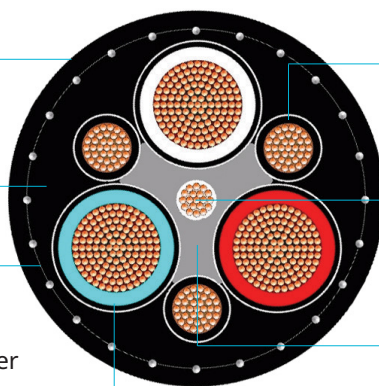
3 R-EP-90/HD-85-PCP TYPE 241.1 3X50MM²

HD-85-PCP extra heavy duty outer 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	Number and nominal diameter of wires	Nominal conductor area mm ²	Approx. diameter	Semi-conductive covering thickness mm			
G-020250	Type 241.1 6	6	1.5	84x0,3	18x0,3	1,5	1.0	3.8	29.0	1100
G-127061	Type 241.1 16	16	1.6	126x0,4	42x0,3	2,2	1.0	3.9	33.8	1740
G-004834	Type 241.1 35	35	1.6	285x0,4	90x0,3	3,7	1.0	4.4	41.9	2890
G-023336	Type 241.1 50	50	1.7	380x0,4	120x0,3	4,4	1.0	4.9	46.4	3520
G-020313	Type 241.1 70	70	1.8	361x0,5	110x0,4	5,2	1.0	5.3	51.9	4780
G-020323	Type 241.1 95	95	2.0	475x0,5	110x0,4	5,2	1.0	5.8	56.8	5850
G-020330	Type 241.1 120	120	2.1	608x0,5	110x0,4	5,2	1.2	6.3	61.5	7030
G-023337	Type 241.1 150	150	2.3	740x0,5	135x0,4	5,8	1.2	6.7	68.0	8480
G-023580	Type 241.1 185	185	2.5	925x0,5	177x0,4	6,5	1.4	7.3	73.1	10290