



### GENERAL PURPOSE MINING FEEDER CABLE

AS/NZS 1802

6 orderable sizes

<b>STANDARD</b> AS/NZS 1802	<b>VOLTAGE CLASS</b> 1.1/1.1 kV to 11/11 kV	<b>CONDUCTOR</b> Flexible tinned copper conductor
<b>INSULATION / JACKET</b> Heavy-duty PCP or CPE mining sheath		

### Construction

- 1 ■ Conductor (per core) – Flexible tinned copper conductor · 608 × Ø0.5 mm · IEC 60228 cl.5
- 2 ■ Core insulation – EPR
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – Heavy-duty PCP or CPE mining sheath

### Size selection — all available cross-sections

Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
Type 241 mining cable 1.1/1.1 kV Continuous miner 3 power cores + earth + pilot 16 mm <sup>2</sup>	1.1/1.1 kV	Continuous miner	3 power cores + earth + pilot	16 mm <sup>2</sup>	1.21 Ω/km	24 mm
Type 241 mining cable 1.1/1.1 kV Continuous miner 3 power cores + earth + pilot 25 mm <sup>2</sup>	1.1/1.1 kV	Continuous miner	3 power cores + earth + pilot	25 mm <sup>2</sup>	0.780 Ω/km	26 mm
Type 241 mining cable 1.1/1.1 kV Continuous miner 3 power cores + earth + pilot 35 mm <sup>2</sup>	1.1/1.1 kV	Continuous miner	3 power cores + earth + pilot	35 mm <sup>2</sup>	0.554 Ω/km	28 mm
Type 241 mining cable 1.1/1.1 kV Continuous miner 3 power cores + earth + pilot 50 mm <sup>2</sup>	1.1/1.1 kV	Continuous miner	3 power cores + earth + pilot	50 mm <sup>2</sup>	0.386 Ω/km	31 mm

Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
Type 241 mining cable 1.1/1.1 kV Continuous miner 3 power cores + earth + pilot 70 mm <sup>2</sup>	1.1/1.1 kV	Continuous miner	3 power cores + earth + pilot	70 mm <sup>2</sup>	0.272 Ω/km	34 mm
Type 241 mining cable 1.1/1.1 kV Continuous miner 3 power cores + earth + pilot 95 mm <sup>2</sup>	1.1/1.1 kV	Continuous miner	3 power cores + earth + pilot	95 mm <sup>2</sup>	0.206 Ω/km	37 mm
Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
Type 241 mining cable 3.3/3.3 kV Pump feeder 3 power cores + earth + pilot 25 mm <sup>2</sup>	3.3/3.3 kV	Pump feeder	3 power cores + earth + pilot	25 mm <sup>2</sup>	0.780 Ω/km	29 mm
Type 241 mining cable 3.3/3.3 kV Pump feeder 3 power cores + earth + pilot 35 mm <sup>2</sup>	3.3/3.3 kV	Pump feeder	3 power cores + earth + pilot	35 mm <sup>2</sup>	0.554 Ω/km	31 mm
Type 241 mining cable 3.3/3.3 kV Pump feeder 3 power cores + earth + pilot 50 mm <sup>2</sup>	3.3/3.3 kV	Pump feeder	3 power cores + earth + pilot	50 mm <sup>2</sup>	0.386 Ω/km	34 mm
Type 241 mining cable 3.3/3.3 kV Pump feeder 3 power cores + earth + pilot 70 mm <sup>2</sup>	3.3/3.3 kV	Pump feeder	3 power cores + earth + pilot	70 mm <sup>2</sup>	0.272 Ω/km	37 mm
Type 241 mining cable 3.3/3.3 kV Pump feeder 3 power cores + earth + pilot 95 mm <sup>2</sup>	3.3/3.3 kV	Pump feeder	3 power cores + earth + pilot	95 mm <sup>2</sup>	0.206 Ω/km	40 mm
Type 241 mining cable 3.3/3.3 kV Pump feeder 3 power cores + earth + pilot 120 mm <sup>2</sup>	3.3/3.3 kV	Pump feeder	3 power cores + earth + pilot	120 mm <sup>2</sup>	0.161 Ω/km	43 mm
Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
Type 241 mining cable 6.6/6.6 kV Longwall supply 3 power cores + earth + pilot 35 mm <sup>2</sup>	6.6/6.6 kV	Longwall supply	3 power cores + earth + pilot	35 mm <sup>2</sup>	0.554 Ω/km	35 mm
Type 241 mining cable 6.6/6.6 kV Longwall supply 3 power cores + earth + pilot 50 mm <sup>2</sup>	6.6/6.6 kV	Longwall supply	3 power cores + earth + pilot	50 mm <sup>2</sup>	0.386 Ω/km	38 mm

Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
Type 241 mining cable 6.6/6.6 kV Longwall supply 3 power cores + earth + pilot 70 mm <sup>2</sup>	6.6/6.6 kV	Longwall supply	3 power cores + earth + pilot	70 mm <sup>2</sup>	0.272 Ω/km	41 mm
Type 241 mining cable 6.6/6.6 kV Longwall supply 3 power cores + earth + pilot 95 mm <sup>2</sup>	6.6/6.6 kV	Longwall supply	3 power cores + earth + pilot	95 mm <sup>2</sup>	0.206 Ω/km	44 mm
Type 241 mining cable 6.6/6.6 kV Longwall supply 3 power cores + earth + pilot 120 mm <sup>2</sup>	6.6/6.6 kV	Longwall supply	3 power cores + earth + pilot	120 mm <sup>2</sup>	0.161 Ω/km	47 mm
Type 241 mining cable 6.6/6.6 kV Longwall supply 3 power cores + earth + pilot 150 mm <sup>2</sup>	6.6/6.6 kV	Longwall supply	3 power cores + earth + pilot	150 mm <sup>2</sup>	0.129 Ω/km	50 mm
Cable reference	Voltage class	Equipment duty	Core / pilot design	Conductor size	Max DC resistance at 20 °C	OD guide
Type 241 mining cable 11/11 kV Mine feeder 3 power cores + earth + pilot 50 mm <sup>2</sup>	11/11 kV	Mine feeder	3 power cores + earth + pilot	50 mm <sup>2</sup>	0.386 Ω/km	42 mm
Type 241 mining cable 11/11 kV Mine feeder 3 power cores + earth + pilot 70 mm <sup>2</sup>	11/11 kV	Mine feeder	3 power cores + earth + pilot	70 mm <sup>2</sup>	0.272 Ω/km	45 mm
Type 241 mining cable 11/11 kV Mine feeder 3 power cores + earth + pilot 95 mm <sup>2</sup>	11/11 kV	Mine feeder	3 power cores + earth + pilot	95 mm <sup>2</sup>	0.206 Ω/km	48 mm
Type 241 mining cable 11/11 kV Mine feeder 3 power cores + earth + pilot 120 mm <sup>2</sup>	11/11 kV	Mine feeder	3 power cores + earth + pilot	120 mm <sup>2</sup>	0.161 Ω/km	51 mm
Type 241 mining cable 11/11 kV Mine feeder 3 power cores + earth + pilot 150 mm <sup>2</sup>	11/11 kV	Mine feeder	3 power cores + earth + pilot	150 mm <sup>2</sup>	0.129 Ω/km	54 mm
Type 241 mining cable 11/11 kV Mine feeder 3 power cores + earth + pilot 185 mm <sup>2</sup>	11/11 kV	Mine feeder	3 power cores + earth + pilot	185 mm <sup>2</sup>	0.106 Ω/km	58 mm