

Orange Circular Power Cable - XLPE

Australian standard power distribution cable

RALOS

Construction:

Class 2 stranding, coloured XLPE insulation, flame retardant, UV resistant orange PVC sheath and metre marked.

Minimum Bending Radius:

≤ 25mm² 4 x cable diameter
≥ 35mm² 6 x cable diameter

Nominal Voltage:

600/1000V

Temperature Range:

-20°C to +90°C

Colour Coding:

- 2 core + earth : Red, Black, Green/Yellow
- 3 core + earth : Red, White, Blue, Green/Yellow
- 4 core + earth : Red, White, Blue, Black, Green/Yellow

Relevant Standard:

- AS/NZS1125
- AS/NZS3808
- AS/NZS5000.1
- Flame retardant to IEC60332-1
- RoHS compliant
- UV stabilised

Features:

- UV resistant
- Non compacted conductors
- Oil & chemical resistant
- Flame retardant
- Metre marked



RALOS AS ORANGE CIRCULAR XLPE

Type	Cores x CSA	Conductor Diameter		Insulation Thickness	Insulation Diameter	Laid Up meter	Dia-Outer Sheath Thickness	Overall Diameter	Max. 20 DC. Conductor Resistance
Part No.	mm ²		mm	mm	mm	mm	mm	mm	Ω/km
3 core + earth									
OC4G25	3C25+E6.0	Active Cond	6.0	0.9	7.8	18.6	1.8	23.2	0.727
		Earth Cond	3.1	0.7	4.5				3.08
OC4G35	3C35+E10	Active Cond	7.0	0.9	8.8	20.9	1.8	25.5	0.524
		Earth Cond	4.0	0.7	5.4				1.83
4 core + earth									
OC5G25	4C25+E6.0	Active Cond	6.0	0.9	7.8	20.3	1.8	24.9	0.727
		Earth Cond	3.1	0.7	4.5				3.08
OC5G35	4C35+E10	Active Cond	7.0	0.9	8.8	22.9	1.8	27.5	0.524
		Earth Cond	4.0	0.7	5.4				1.83
OC5G50	4C50+E16	Active Cond	8.2	1.0	10.2	26.5	1.9	31.3	0.387
		Earth Cond	5.0	0.7	6.4				1.15
OC5G70	4C70+E25	Active Cond	9.7	1.1	11.9	30.9	2.0	35.9	0.268
		Earth Cond	6.0	0.9	7.8				0.727