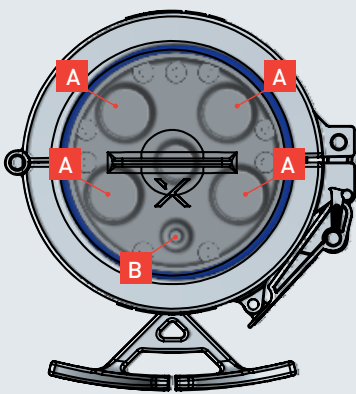




FREEWAY LIGHTING ELECTRICAL CABLE JUNCTION BOX



A. Cables up to 30mm
B. Cables up to 20mm

FEATURES

1. Twelve (12) independently verified type tests undertaken in Australia to verify performance
2. Clear polycarbonate dome for visual verification of potential electrical hazards
3. All component parts are non metallic
4. Cables entries are suitable for round power cables
5. Cables entries are provided for 4 x 30mm cables and 1 x 20mm cable (maximum physical diameter)
6. Simple mounting system
7. Suitable for mounting in circular or rectangular pits
8. 100% Australian made

CONTACT US

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CERTIFICATIONS

Test	Conditions	Result
Air tightness test	Tested with 100kpa internal pressure for 24 hours at 23°C	No loss of pressure
Head of water test	Tested for 100 hours at 5 metre head of water	No internal leakage
Degree of protection	Tested to AS60529 IP68	Passed
Environmental cycling in air	Tested to AS60068.2.14 Part 2.14	Passed
Environmental cycling in water	Tested to AS60068.2.14 Part 2.14	Passed
Alkaline resistance test	Tested in a PH12 solution of Sodium Hydroxide for 72 hours	Passed
Thermal aging test	Tested for 2000 hours at 60°C	Passed
Inlet cables flexure test	Cables flexed 0.5 Metres from entry for 100 cycles at 30°C	Passed
Impact tested	Tested to IEC62262 clause 4.3	Passed IK06 or W275
Torsion test tested for inlet strength	Cables flexed at +/- 90 degrees cable torsion held for 5 minutes	Passed
Re entry test	Junction box tested to inlet opening and closing for 50 operations	Passed
Fire hazard tests	Glow wire test at 850°C	Passed

