

JACKETED TWIN TWIST DECODER CABLES DIRECT BURIAL



SIZES: 14 AWG (2.1mm²) & 12 AWG (3.3mm²)
SOLID COPPER, 2 CONDUCTOR

1.0 SCOPE

1.1 This specification covers jacketed cables containing two AS listed sprinkler system wires, single conductor, suitable for direct burial, for operation up to 600 volts & temperatures up to 60°C.

2.0 CONSTRUCTION

2.1 Inner Conductors

Annealed copper drawn from class 102 copper to AS 1574. Insulation shall be low density polyethylene with a thickness of 1.15mm. The two conductors (blue & red) shall be twisted with a minimum lay of 100mm.

2.2 Outer Jacket

The Cable outer jacket shall be PVC with a thickness of 0.9mm and blue in colour. This sheath shall be UV stabilised.

2.3 Surface Print

Direct Burial, Nelson part number, size, voltage rating & one meter distance markings.

3.0 SPLICING RECOMMENDATIONS

3.1 Underground splices shall be made using 3M DBR – 6 connectors, which are UL listed under Direct Burial, for wet or damp locations, 600 Volts. Connectors that are not listed under Australian standards, shall not be allowed.

Nelson Irrigation	Cable Size		Coil Length	Shipping Weight
Part no.	AWG	MM ²	Meters	Kilograms/500m
HC-ID1BLU	14	2.1	500	57
HC-ID1BLU100	14	2.1	100	11
HC-ID2BLU	12	3.3	500	76

NOT TO BE USED FOR MAINS CONNECTION

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EFFICIENT. SUSTAINABLE. DEPENDABLE

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