

**250V QMR**
**1. Design guidelines.**

AS/NZS 2276.3	Cables for traffic signal installations Part 3: Loop cable for vehicle detectors
AS/NZS 1125	Conductors in insulated electric cables and flexible cords
AS/NZS 3808	Insulating and sheathing materials for electric cables

**2. Application.**

Normal use operating temperature	90°C
Max. conductor temperature during short circuit(5s)	250°C
Lowest recommended temperature during installation	0°C

**3. Construction.**

**HCA - 1.5mm<sup>2</sup> x 1 core T-Cu/UV-XLPE(Black) Loop Cable 250V - HCA-QMR1.5x1TCuUVX-B-L-250**



1	Conductor	Class 2, tinned annealed circular Copper conductor
2	Insulation	XLPE, UV stabilized

**4. Core identification and mark as listed below, or as purchase order.**

Identification of core: Black
Marking on cable: HENGTONG CABLE AUSTRALIA HPC-N

**5. Construction parameters.**

Description	Unit	Values
<b>Conductor</b>		
Cross sectional area	mm <sup>2</sup>	1.5
Shaped	/	Circular
Approx. diameter of conductor	mm	1.5
<b>Insulation</b>		
Nominal thickness/Min. thickness at any point	mm	1.2/1.00
Approx. diameter over insulation	mm	4.1
<b>Max. diameter of cable</b>	mm	6.1
<b>Approx. mass of cable</b>	kg/km	24
Max. D.C. resistance of conductor at 20°C	Ω/km	13.8