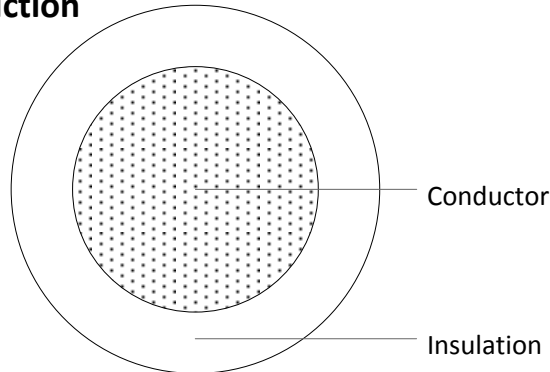


Loop Cable Technical Specification

Diagram of Cable Construction



Dimensions and Details

Item	Unit	
Product No.		46005
Type of cable		Loop Detector Cable
Conductors:		
Material		Tinned annealed copper wire, class 2
No. of cores		1
Nominal cross section	mm ²	1.5
Nominal stranding	No./mm	7/0.5
Insulation of conductors:		
Material		X-90UV – Cross-linked polyethylene UV stabilised
Nominal thickness	mm	1.2
Core colours		Black
Approx. outer diameter	mm	3.9
Weight	kg/km	24
Printing:		
Text		BAMBACH WIRES & CABLES DETECTA-CAB (MM/YY) 1C 1.5mm ² F/O No. >>I<<
Print details		Metre marking Max distance between printings: 100 mm Minimum character height: 1 mm
Standards		AS/NZS1125, AS/NZS3808, AS/NZS2276.3, RoHS
Nominal voltage rating	V	250
Maximum DC resistance of conductor at 20°C	Ω/km	13.8
Maximum AC resistance per core at 90°C, 50Hz	Ω/km	17.5
Operating temperature	°C	-10 to 90
Maximum permissible conductor temp under SC conditions	°C	250
Single phase voltage drop, laid flat touching at 90°C, 50Hz	mV/A.m	34.7
Spark test voltage	kV	6
Minimum recommended bend radius	mm	32
Maximum recommended pull tension	kN	0.093