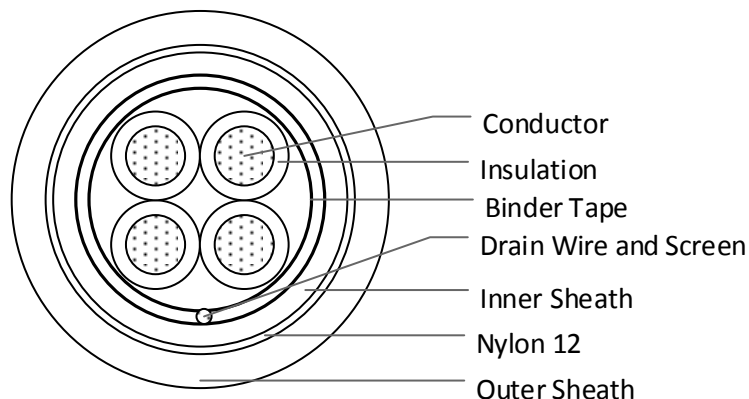


Technical Specification

Diagram of Cable Construction



Dimensions and Details

Item	Unit	
Product No.		TBA (Enq. 01757)
Type of cable		1Q 0.9mm PC PE/SCR/PE/NYL/PVC
Conductors:		
Material		Plain annealed copper wire, class 1
No. of cores		4
Nominal cross section	mm ²	0.64
Stranding	No./mm	1/0.9
Insulation of conductors:		
Material		HDPE – High density polyethylene type 3, cat. 4
Nominal thickness	mm	0.8
Core colours		White, red, blue, black
Taping:		
Material		Polyethyleneterephthalate (Mylar)
Overlap	%	30
Drain wire:		
Material		Tinned annealed copper wire
Stranding	No./mm	1/0.61
Screen:		
Material		Aluminium/Polyethyleneterephthalate Laminate
Overlap	%	30
Inner sheath:		
Material		HDPE – High density polyethylene type 3, cat. 4
Colour		Black
Thickness	mm	1.4

Termite Barrier:		
Material		PA12 – Nylon 12, UV and heat stabilised, high impact strength
Colour		Black
Thickness	mm	0.3
Outer sheath:		
Material		5V90 PVC
Colour		Blue
Thickness	mm	1.5
Approx. outer diameter	mm	12.6
Weight	kg/km	158
Standards		AS/NZS1125, AS/NZS3808, AS/NZS1049, RoHS, S.07.4211.29 (generally), AS/CA S008:2010 (generally)
Nominal voltage rating	V	ELV
Maximum DC resistance of conductor at 20°C	Ω/km	28.76
Operating temperature	°C	-10 to 70
Capacitance, 1kHz core – core	pF/m	50
Nominal attenuation at 40kHz	dB/km	2.6
Spark test voltage	kV	6
Minimum recommended bend radius	mm	152
Maximum recommended pull tension	kN	0.174