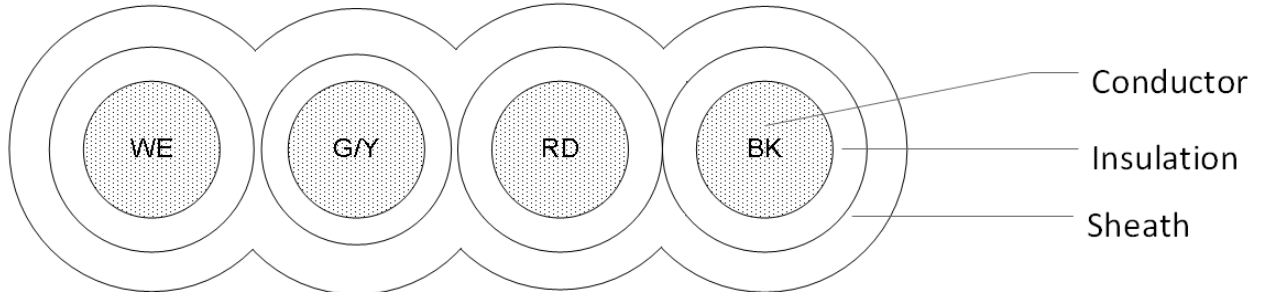


Technical Specification

Diagram of Cable Construction



Dimensions and Details

Item	Unit	
Product No.		FT3E7050N
Type of cable		AirCon 3C+E 1.5mm ² V90/3V90
Conductors:		
Material		Plain annealed copper wire, class 2
No. of cores		3 1
Nominal cross section	mm ²	1.5
Nominal stranding	No./mm	7/0.5
Insulation of conductors:		
Material		V90 – PVC
Nominal thickness	mm	0.6 0.5
Core colours		White, red, black Green/Yellow
Sheath:		
Material		3V90 – PVC
Colour		Light blue
Thickness	mm	0.9
Nominal outer diameter	mm	4.6 x 12.7
Diameter tolerance	%	±5
Nominal weight	kg/km	140
Printing:		
Text		Advance Cables (Year of Manufacture) V90 Electric Cable 450/750V Approval No. TUV021904EA F/O No. >> <<
Print details		Metre marking. Minimum character height: 3 mm
Standards		AS/NZS1125, AS/NZS3808, AS/NZS5000.2, RoHS
Nominal voltage rating	V	450/750
Maximum DC resistance of conductor at 20°C	Ω/km	13.6
Operating temperature	°C	-10 to 90
Maximum permissible conductor temp under SC conditions	°C	160
Spark test voltage	kV	6

Test voltage	kV	3.5 for 5 minutes
Minimum recommended bend radius	mm	28 x 77
Maximum recommended pull tension	kN	0.374

Version	Date	Changes	Author
1	14/06/2019	First issue	MX
2	13/08/2019	Reviewed spec	CW
3.	08/10/2020	Included approval no.	AY

CUSTOMER APPROVAL TO MANUFACTURE			
Preferred Individual length			
Company	Name	Signature	Date