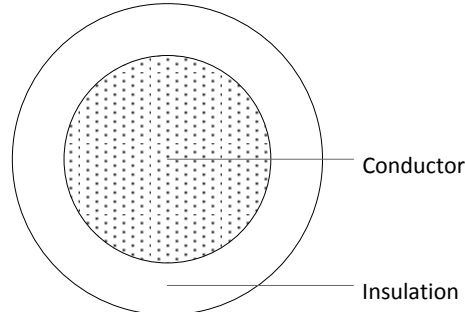


Technical Specification

Diagram of Cable Construction



Dimensions and Details

Item	Unit			
Product No.		26703	26704	26705
Type of cable		SafeX125 1C TC SI flex		
Conductors:				
Material		Tinned annealed copper wire, class 5		
No. of cores		1		
Nominal cross section	mm ²	6	10	16
Stranding	No./mm	84/0.30	140/0.30	224/0.30
Insulation of conductors:				
Material		X-HF-110 – Cross-linked PO, LSZH, fire retardant, UV stabilised		
Nominal thickness	mm	0.7		
Core colours		According to product code		
Approx. outer diameter	mm	4.7	5.8	6.9
Weight	kg/km	68	110	169
Standards		AS/NZS1125, AS/NZS3808, AS/NZS5000.1, RoHS		
Nominal AC voltage rating	V	600/1000		
Nominal DC voltage rating	V	600		
Maximum DC resistance of conductor at 20°C	Ω/km	3.39	1.95	1.24
Operating temperature	°C	-40 to 125*		
Maximum permissible conductor temp under SC conditions	°C	250		
Current rating, unenclosed, touching, 40°C ambient, 110°C conductor	A	57	80	105
Spark test voltage	kV	6		
Test voltage	kV	3.5 for 5 minutes		
Minimum recommended bend radius	mm	19	23	28

*The SafeX125 material has achieved a temperature index of over 125°C when tested to a lifespan of 20000 hours to IEC standard 60216-1 - "Electrical insulating materials – Properties of thermal endurance"

Version	Date	Changes	Author
2	19/09/2018	Conversion to new revision system	PRT