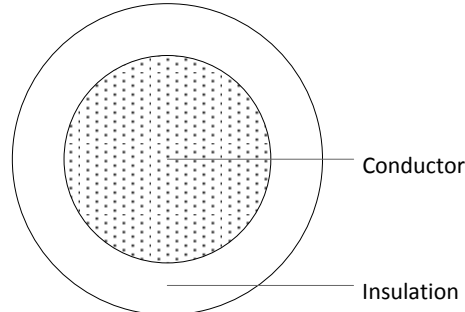


## Technical Specification

### Diagram of Cable Construction



### Dimensions and Details

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