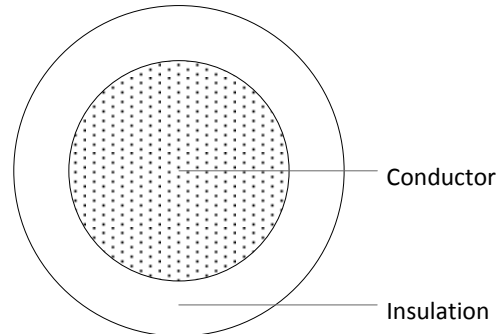


Technical Specification

Diagram of Cable Construction



Dimensions and Details

Item	Unit			
Product No.		26709	26710	26711
Type of cable		SafeX125 1C TC SI flex		
Conductors:				
Material		Tinned annealed copper wire, class 6		
No. of cores		1		
Nominal cross section	mm ²	70	95	120
Stranding	No./mm	969/0.30	1292/0.30	1653/0.30
Insulation of conductors:				
Material		X-HF-110 – Cross-linked PO, LSZH, fire retardant, UV stabilised		
Nominal thickness	mm	1.1	1.1	1.2
Core colours		According to product code		
Approx. outer diameter	mm	14.2	15.9	17.4
Weight	kg/km	706	884	1169
Standards		AS/NZS1125, AS/NZS3808, AS/NZS5000.1, RoHS		
Nominal voltage rating	V	600/1000		
Maximum DC resistance of conductor at 20°C	Ω/km	0.277	0.210	0.164
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	273	329	390
Spark test voltage	kV	10		
Test voltage	kV	3.5 for 5 minutes		
Minimum recommended bend radius	mm	57	64	70

*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
3	14/02/2019	Changed name from "SafeX110" to "SafeX125"	CW