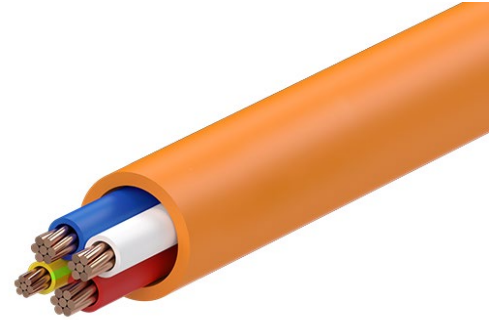
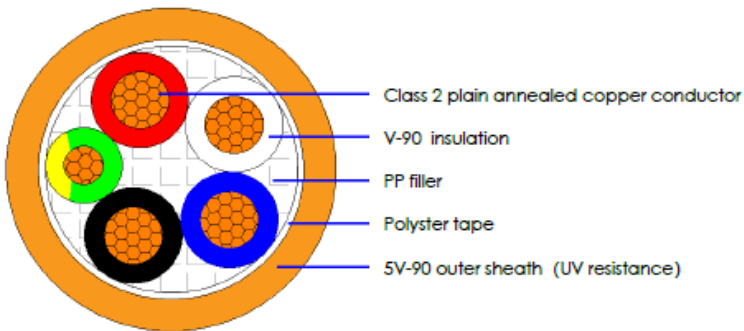


Orange Circular Cables 450/750V



Product Description

Orange Circular Cable 450/700V

Electrical Characteristics

- Max. Conductor operating temperature: 90°C
- Nominal use operating temperature of conductor: 75°C
- Conductor Short-circuit operating temperature: 160°C

Standard Compliance

- Design Guidelines: AS/NZS 5000.2
- Conductor AS/NZS 1125
- Insulation and sheath: AS/NZS 3808

Core colour :

- 2C+E: Red, Black, G/Y
- 3C+E: Red, White, Blue, G/Y
- 4C+E: Red, White, Blue, Black, G/Y

Outer sheath: Orange

Specifications

Conductor	
Material:	Plain Annealed Copper
Stranding:	Class 2
Standards:	AS/NZS 1125
Insulation/Sheath	
Material:	Insulation – PVC V-90 Sheath – PVC 5V-90
Operating Temperature:	Max. 90°C
Colour:	Orange
Standards:	AS/NZS 3808

Technical Data

Part No.	No. of Cores & CSA	Structure of Conductor		Approx Cable O.D.	Approx Mass	Max DC Resistance of conductor at 20C		Fault current capacity of conductor (1s)	Max. allowable pulling force of conductor	Min Bending Radius after installation
		Phase	Earth			Phase	Earth			
		No./mm	No./mm	mm	Kg/Km	Ω/km	Ω/km	kA	kN	mm
ELT2015E*	2C1.5+E1.5	7/0.50	7/0.50	8.6	105	13.6	13.6	0.19	0.31	41
ELT2025E	2C2.5+E.2.5	7/0.67	7/0.67	10.5	162	7.41	7.41	0.31	0.51	48
ELT2040E	2C4+E2.5	7/0.85	7/0.67	11.6	206	4.61	7.41	0.48	0.71	52
ELT2060E	2C6+E2.5	7/1.04	7/0.67	12.5	255	3.08	7.41	0.71	0.99	56
ELT3015E	3C1.5+E1.5	7/0.50	7/0.50	9.4	128	13.6	13.6	0.19	0.41	43
ELT3025E	3C2.5+E2.5	7/0.67	7/0.67	11.4	201	7.41	7.41	0.31	0.68	51
ELT3040E	3C4+E2.5	7/0.85	7/0.67	12.7	264	4.61	7.41	0.48	0.99	57
ELT3060E	3C6+E2.5	7/1.04	7/0.67	13.9	339	3.08	7.41	0.71	1.39	62
ELT4015E*	4C1.5+E1.5	7/0.50	7/0.50	10.4	158	13.6	13.6	0.19	0.51	47
ELT4025E	4C2.5+E2.5	7/0.67	7/0.67	12.4	241	7.41	7.41	0.31	0.85	56
ELT4040E	4C4+E.25	7/0.85	7/0.67	14.1	330	4.61	7.41	0.48	1.26	63
ELT4060E	4C6+E2.5	7/1.04	7/0.67	15.4	422	3.08	7.41	0.71	1.80	67

* Size not currently available

Certifications

Type Test certificate to AS/NZS 5000.2:2006

Subject to change without notice