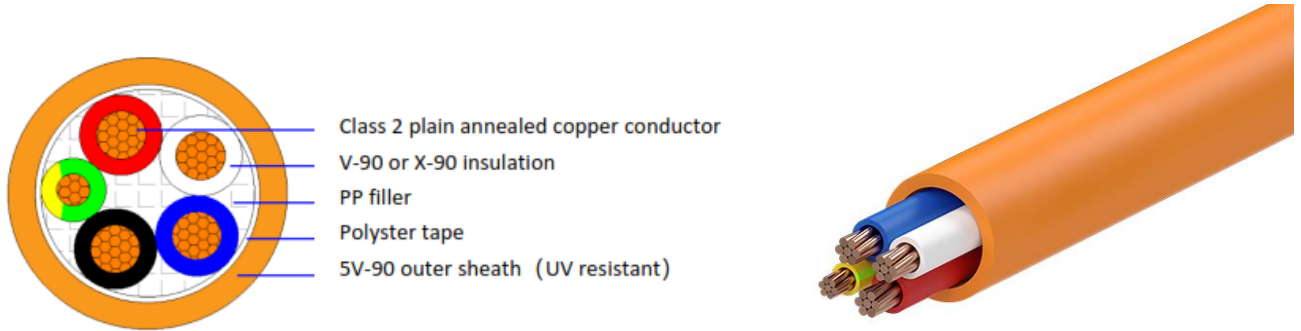


Orange Circular Cables 0.6/1kV



Product Description

Orange Circular Cable 0.6/1kV

Electrical Characteristics

- Max. Conductor operating temperature 90°C
- PVC V-90 nominal use operating temperature of conductor 75°C

Standard Compliance

- Design Guidelines: AS/NZS 5000.1
- 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 V90 or XLPE X-90 Sheath – PVC 5V-90
Operating Temperature:	Max. 90°C
Colour:	Orange
Standards:	AS/NZS 3808

Technical Data

Part No.	No. of Cores & CSA	Insulation Material	Stranding 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			
ELT2100E	2C10+E4	PVC	7/1.35	7/0.85	16.2	425	1.83	4.61	1.17	1.63	71
ELT2160E	2C16+E6	PVC	7/1.70	7/1.04	18.2	585	1.15	3.08	1.78	2.58	79
ELT2250E	2C25+E6	XLPE	7/2.14	7/1.04	19.9	744	0.727	3.08	3.58	3.81	86
ELT2350E	2C35+E10	XLPE	7/2.52	7/1.35	22.1	987	0.524	1.83	5.01	5.44	95
ELT2500E	2C50+E16	XLPE	19/1.78	7/1.70	24.9	1315	0.387	1.15	7.15	7.89	160
ELT3100E	3C10+E4	PVC	7/1.35	7/0.85	17.8	553	1.83	4.61	1.17	2.31	78
ELT3160E	3C16+E6	PVC	7/1.70	7/1.04	20	773	1.15	3.08	1.78	3.67	86
ELT3250E	3C25+E6	XLPE	7/2.14	7/1.04	21.4	993	0.727	3.08	3.58	5.51	92
ELT3350E	3C35+E10	XLPE	7/2.52	7/1.35	23.9	1328	0.524	1.83	5.01	7.82	154
ELT3500E	3C50+E16	XLPE	19/1.78	7/1.70	27.1	1775	0.387	1.15	7.15	11.29	175
ELT4100E	4C10+E4	PVC	7/1.35	7/0.85	19.6	688	1.83	4.61	1.17	2.99	85
ELT4160E	4C16+E6	PVC	7/1.70	7/1.04	22.1	969	1.15	3.08	1.78	4.76	95
ELT4160E.Z	4C16+E6	XLPE	7/1.70	7/1.04	20.4	868	1.15	3.08	2.29	4.76	88
ELT4250E	4C25+E6	XLPE	7/2.14	7/1.04	23.8	1265	0.727	3.08	3.58	7.21	153
ELT4250E.Z	4C25+E6	PVC	7/2.14	7/1.04	25.5	1392	0.727	3.08	2.78	7.21	164
ELT4350E	4C35+E10	XLPE	7/2.52	7/1.35	26.6	1694	0.524	1.83	5.01	10.2	171
ELT4350E.Z	4C35+E10	PVC	7/2.52	7/1.35	28.3	1828	0.524	1.83	3.9	10.2	182
ELT4500E	4C50+E16	XLPE	19/1.78	7/1.70	30.4	2278	0.387	1.15	7.15	14.69	196

Certifications

Type Test certificate to AS/NZS 5000.1:2005.

SAA Certificate No.: SAA-231643-EA & SAA241084

Subject to change without notice