



CONSTRUCTION		APPLICATION	APPLICATION	REFERENCE
Conductor	Compact concentric lay stranded hard drawn aluminium wire Sizes 16 sq.mm. up to 185 sq.mm.	For arial cable (service & main)	Maximum conductor temperature 75 °C Circuit voltage does not exceed 600 volts.	MEA's Specification ICEA S-66-524
Insulation	Heat resistance polyethylene (Black colour)			

CTW-THWA-C		Construction			Thickness of Insulation	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 15.6°C	Rated Tensile Strength of Conductor	Allowable ampacities free air at 40°C	AC Test Voltage (5 min.)	Standard Packing
		Nominal Cross-Sectional Area	Minimum Number of Wire	Diameter (Approx.)									
PRODUCT CODE	SIZE Inch.	sq.mm.	No	mm	mm	mm.	kg/km	Ω/km	MΩ-km	N	A	m/R	m/R
A10600016	1 x 16	16	6	4.69	1.14	7.3	65	1.91	2689.77	2,734	80	5.5	1000
A10600025	1 x 25	25	6	5.90	1.14	8.5	95	1.20	2189.31	4,120	100	5.5	1000
A10600035	1 x 35	35	6	6.95	1.14	9.5	125	0.868	1877.74	5,591	120	5.5	1000
A10600050	1 x 50	50	6	8.00	1.40	11.1	170	0.641	1922.90	7,313	135	7.0	1000
A10600070	1 x 70	70	12	9.73	1.40	13.2	240	0.443	1673.85	10,420	185	7.0	1000
A10600095	1 x 95	95	15	11.45	1.40	14.5	320	0.320	1432.39	14,098	222	7.0	1000
A10600120	1 x 120	120	15	12.95	1.65	16.5	410	0.253	1502.34	18,518	275	8.0	1000
A10600150	1 x 150	150	15	14.27	1.65	18.0	485	0.206	1372.94	22,457	305	8.0	1000
A10600185	1 x 185	185	30	15.98	1.65	20.5	605	0.164	1242.46	28,974	375	8.0	1000