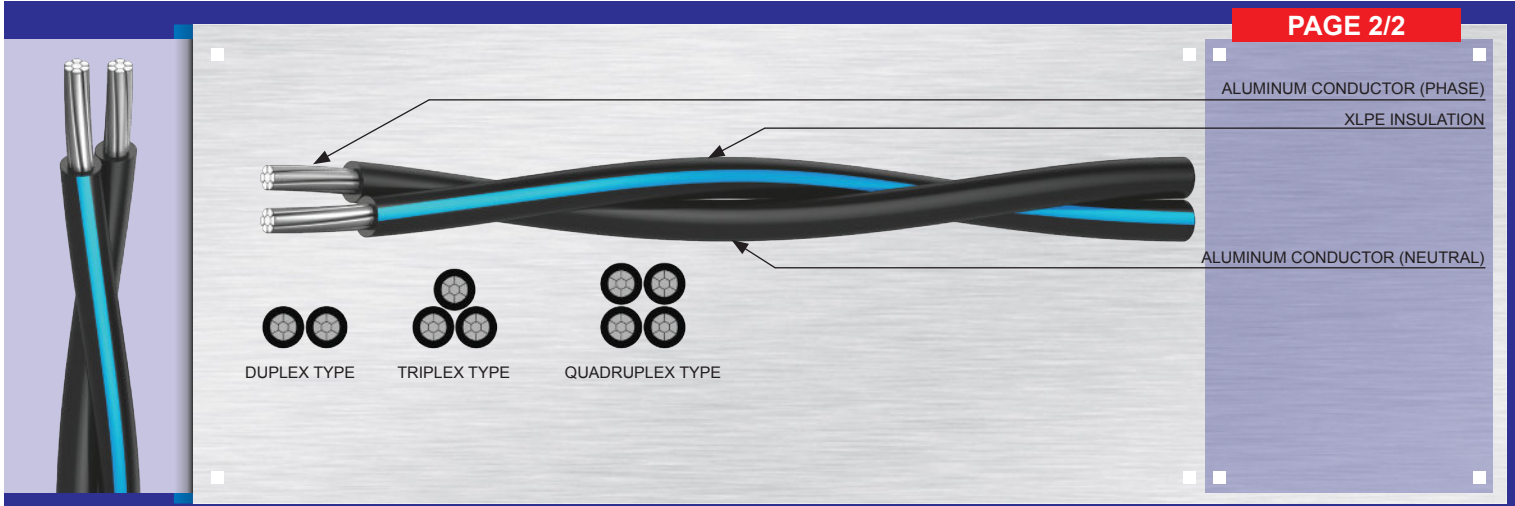


CONSTRUCTION		APPLICATION	APPLICATION	REFERENCE
Conductor	Compact concentric lay stranded hard drawn aluminium wire	For arial bundle cable (service & main)	Maximum conductor temperature 90°C Circuit voltage does not exceed 600 volts.	MEA's Specification ICEA S-95-658
Insulation (Phase)	Filled cross-linked polyethylene (XLPE) which contain minimum 10 percent of carbon black			
Insulation (Neutral)	Filled cross-linked polyethylene (XLPE) which contain minimum 10 percent of carbon black with blue stripe			

CTW-SDC		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	Standard Packing
		Nominal Cross-Sectional Area	Minimum Number of Wire	Diameter (Approx.)								
PRODUCT CODE	SIZE core x sq.mm.	sq.mm.	No.	mm	mm	mm	mm	Ω/km	MΩ-km	N	A	m/R
2 Core (1 Phase core + 1 Neutral core)												
AD9100016	2 x 16	16	6	4.69	1.14	15.0	135	1.91	524.41	2,734	40	500
AD9100025	2 x 25	25	6	5.90	1.14	16.5	195	1.20	434.00	4,120	56	500
AD9100035	2 x 35	35	6	6.95	1.14	19.0	260	0.868	375.55	5,591	68	500
AD9100050	2 x 50	50	6	8.00	1.52	22.5	360	0.641	424.88	7,313	95	500
AD9100070	2 x 70	70	12	9.73	1.52	26.0	495	0.443	359.88	10,420	145	500
AD9100095	2 x 95	95	15	11.45	2.03	31.5	710	0.320	403.44	14,098	165	500
3 Core (2 Phase cores + 1 Neutral core)												
AD9200025	3 x 25	25	6	5.90	1.14	18.0	295	1.20	434.00	4,120	51	500
AD9200035	3 x 35	35	6	6.95	1.14	20.5	390	0.868	375.55	5,591	63	500
AD9200050	3 x 50	50	6	8.00	1.52	24.0	550	0.641	424.88	7,313	89	500
AD9200070	3 x 70	70	12	9.73	1.52	28.5	750	0.443	359.88	10,420	145	500

R = Packing in reel



CONSTRUCTION		APPLICATION	APPLICATION	REFERENCE
Conductor	Compact concentric lay stranded hard drawn aluminium wire	For arial bundle cable (service & main)	Maximum conductor temperature 90°C Circuit voltage does not exceed 600 volts.	MEA's Specification ICEA S-95-658
Insulation	Filled cross-linked polyethylene (XLPE) which contain minimum 10 percent of carbon black			

CTW-SDC		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	Standard Packing
		Nominal Cross-Sectional Area	Minimum Number of Wire	Diameter (Approx.)								
PRODUCT CODE	SIZE core x sq.mm.	sq.mm.	No.	mm	mm	mm	mm	Ω/km	MΩ-km	N	A	m/R
4 Core (3 Phase cores + 1 Neutral core)												
A81300016	4 x 16	16	6	4.69	1.14	17.5	275	1.91	524.41	2,734	38	500
A81300025	4 x 25	25	6	5.90	1.14	20.0	400	1.20	434.00	4,120	51	500
A81300035	4 x 35	35	6	6.95	1.14	23.0	520	0.868	375.55	5,591	63	500
A81300050	4 x 50	50	6	8.00	1.52	27.0	740	0.641	424.88	7,313	89	500
A81300070	4 x 70	70	12	9.73	1.52	31.5	995	0.443	359.88	10,420	145	500
A81300095	4 x 95	95	15	11.45	2.03	38.0	1,445	0.320	403.44	14,098	160	500
A81300120	4 x 120	120	15	12.95	2.03	41.5	1,765	0.253	362.29	18,518	185	500
A81300150	4 x 150	150	15	14.27	2.03	44.5	2,105	0.206	329.61	22,457	214	500