

MV 3 Core Aluminium



**6.35/11kV Three Core
XLPE Insulated, Screened and PVC Screened
Aluminium Conductor, 10kA Fault Rating
ASNZS1429.1**



Application: This cable can be used in power generation and distribution networks. It can be installed in Conduit, cable trunking, on cable trays, in ground and in underground duct.

Voltage Rating: 6.35/kV

Construction: Stranded Compacted Aluminium, Triple Extruded Conductor Screened Insulation, Copper Wire Screen

Outer Sheath: MDPE

Temperature Range: Min -25°, Max 90°

Bending Radius: 18 x OD

Part Number	Nominal Conductor Area	Nominal Conductor Diameter	Nominal Insulation Thickness	Nominal diameter over Insulation	Nominal Screen area on each core	Number and nominal diameter of screen wire	Nominal diameter over screen	Nominal diameter overall	Approximate weight	Conductor D.C. resistance at 20°
	mm ²	mm	mm	mm	mm ²	No/mm	mm	mm	kg/km	Ω/km
325MVAL11KV10KA	25	6	3.4	14	6.2	11/0.85	17.5	42.8	1555	1.200
335MVAL11KV10KA	35	7	3.4	15	7.9	14/0.85	18.5	45.2	1799	0.868
350MVAL11KV10KA	50	8.3	3.4	16.3	10.8	19/0.85	19.8	48.2	2129	0.641
370MVAL11KV10KA	70	10	3.4	18	15.3	27/0.85	21.5	52.2	2646	0.443
395MVAL11KV10KA	95	11.6	3.4	19.6	20.7	36/0.85	23.1	55.9	3204	0.320
3120MVAL11KV10KA	120	13	3.4	21	22.7	40/0.85	24.5	59.1	3636	0.253
3150MVAL11KV10KA	150	14.5	3.4	22.5	22.7	40/0.85	26	62.6	4091	0.203
3185MVAL11KV10KA	185	16.2	3.4	24.2	22.7	40/0.85	27.7	66.4	4600	0.164
3240MVAL11KV10KA	240	18.4	3.4	26.4	22.7	40/0.85	29.9	71.6	5377	0.125
3300MVAL11KV10KA	300	20.6	3.4	28.6	22.7	40/0.85	32.1	76.5	6168	0.100
3400MVAL11KV10KA	400	23.8	3.4	31.8	22.7	40/0.85	35.3	84	7431	0.077

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