

MV 3 Core Copper



**6.35/11kV Three Core
XLPE Insulated, Screened and PVC Screened
Copper 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: 6.35/11kV

Construction: Stranded Compacted Copper, 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
325MVCU11KV10KA	25	6	3.4	14	8.5	15/0.85	17.5	42.8	2085	0.727
335MVCU11KV10KA	35	7	3.4	15	11.3	20/0.85	18.5	45.2	2539	0.524
350MVCU11KV10KA	50	8.3	3.4	16.3	16.5	29/0.85	19.8	48.2	3158	0.387
370MVCU11KV10KA	70	10	3.4	18	22.7	40/0.85	21.5	52.2	4105	0.268
395MVCU11KV10KA	95	11.6	3.4	19.6	22.7	40/0.85	23.1	55.9	5017	0.193
3120MVCU11KV10KA	120	13	3.4	21	22.7	40/0.85	24.5	59.3	5939	0.153
3150MVCU11KV10KA	150	14.5	3.4	22.5	22.7	40/0.85	26	62.6	6850	0.124
3185MVCU11KV10KA	185	16.2	3.4	24.2	22.7	40/0.85	27.7	66.4	7998	0.0991
3240MVCU11KV10KA	240	18.4	3.4	26.4	22.7	40/0.85	29.9	71.6	9791	0.0754
3300MVCU11KV10KA	300	20.6	3.4	28.6	22.7	40/0.85	32.1	76.7	11706	0.0601
3400MVCU11KV10KA	400	23.8	3.4	31.8	22.7	40/0.85	35.3	84	14598	0.047

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