

MV 1 Core Copper



**6.35/11kV Single 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
125MVCU11KV10KA	25	6	3.4	14	24.4	43/0.85	17.5	21.1	775	0.727
135MVCU11KV10KA	35	7	3.4	15	34.4	24/1.35	19.5	23.1	984	0.524
150MVCU11KV10KA	50	8.3	3.4	16.3	48.7	34/1.35	20.8	24.4	1255	0.387
170MVCU11KV10KA	70	10	3.4	18	68.1	30/1.70	23.2	26.8	1663	0.268
195MVCU11KV10KA	95	11.6	3.4	19.6	68.7	48/1.35	24.1	27.7	1938	0.193
1120MVCU11KV10KA	120	13	3.4	21	68.7	48/1.35	25.5	29.1	2174	0.153
1150MVCU11KV10KA	150	14.5	3.4	22.5	68.7	48/1.35	27	30.8	2501	0.124
1185MVCU11KV10KA	185	16.2	3.4	24.2	68.7	48/1.35	28.7	32.5	2846	0.0991
1240MVCU11KV10KA	240	18.4	3.4	26.4	68.7	48/1.35	30.9	34.9	3399	0.0754
1300MVCU11KV10KA	300	20.6	3.4	28.6	68.7	48/1.35	33.1	37.3	3989	0.0601
1400MVCU11KV10KA	400	23.8	3.4	31.8	68.7	48/1.35	36.3	40.7	4880	0.047
1500MVCU11KV10KA	500	26.6	3.4	34.6	68.7	48/1.35	39.1	43.7	5914	0.0366
1630MVCU11KV10KA	630	30	3.4	38	68.7	48/1.35	42.5	47.5	7309	0.0283

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