



**0.6/1 KV PE INSULATED WITH  
HANGER RODS AND ALUMINUM  
CONDUCTOR AERIAL LINE CABLES  
(AER)**

<b>Code</b>	AER
<b>Standards</b>	TS 11654, TEDAŞ-MYD/2005-051
<b>Construction</b>	Aluminum Conductor, PE Insulation, Hanger Rods
<b>Applications</b>	For Sites close to dangers and are dangerous for human life, places where underground cables are not used instead of uninsulated lines, streets and road lighting networks, rural areas, are used in houses.
<b>Technical Data</b>	Max. Operating Temp. 90°C Max. Short Circuit Temp. 250°C (for max. 5 sec)

INSULATED CONDUCTORS					
Distribution Lines					
Number of Rods and Nominal Cross Section	Number of Rods and Cross Section	Number of Rods	Average Conductor Diameter	Conductor DC (Max.) Resistance	Current Carrying Capacity In
mm <sup>2</sup>	mm <sup>2</sup>	Adet	mm	ohm/km	A
1x16+25	1x16	1	4,4	1,910	75
1x25+35	1x25	7	5,9	1,200	100
1x35+50	1x35	7	6,9	0,868	125
3x16+25	3x16	1	4,4	1,910	70
3x25+35	3x25	7	5,9	1,200	90
3x35+50	3x35	7	6,9	0,868	115
3x50+70	3x50	7	8,1	0,641	140
3x70+95	3x70	7	9,7	0,443	180
3x120+95	3x120	19	12,8	0,253	250
4x16+25	4x16	1	4,4	1,910	70
4x25+35	4x25	7	5,9	1,200	90
4x35+50	4x35	7	6,9	0,868	115
4x50+70	4x50	7	8,1	0,641	140
4x70+95	4x70	7	9,7	0,443	180
1x16+1x16+25	1x16	1	4,4	1,910	70
3x16+1x16+25	3x16	1	4,4	1,910	60
3x25+1x16+35	3x25	7	5,9	1,200	80
3x35+1x16+50	3x35	7	6,9	0,868	95
3x50+1x16+70	3x50	7	8,1	0,641	120
3x70+1x16+95	3x70	7	9,7	0,443	150
4x16+1x16+25	4x16	1	4,4	1,910	60
4x25+1x16+35	4x25	7	5,9	1,200	80
4x35+1x16+50	4x35	7	6,9	0,868	95
4x50+1x16+70	4x50	7	8,1	0,641	120
4x70+1x16+95	4x70	7	9,7	0,443	150