



Tam Alüminyum İletkenler Teknik Özellikler

All Aluminium Conductor Technical Specifications

Related Standart / İlgili Standart : NF C 34-125 (Old Code) EN 50182 (New Code)

| CODE | Old Code | Area mm ² | No Of Wires | DIAMETER | | Mass per Unit length kg/km | Rated Strength Kn | DC Resistance Ω/km | Final modulus of elasticity N/mm2 | Coefficient of linear expansion 1/K | Direction of lay of external layer | Current Carrying Capacity I(A) |
|----------|----------|-------------------------|-------------------|----------|-------|----------------------------------|-------------------------|-----------------------|-----------------------------------------|----------------------------------------------|---------------------------------------------|--------------------------------------|
| | | | | Wire | Cond. | | | | | | | |
| | ASTER | mm | | mm | | | | | | | | |
| 22-AL4 | 22 | 22 | 7 | 2,00 | 6,00 | 60,0 | 7,15 | 1,498 9 | 62 000 | 2,30-E | S | 152 |
| 34-AL4 | 34,4 | 34,4 | 7 | 2,50 | 7,50 | 93,8 | 11,17 | 0,959 3 | 62 000 | 2,30-E | S | 201 |
| 55-AL4 | 54,6 | 54,6 | 7 | 3,15 | 9,45 | 148,9 | 17,73 | 0,604 2 | 62 000 | 2,30-E | S | 267 |
| 76-AL4 | 75,5 | 75,5 | 19 | 2,25 | 11,3 | 207,4 | 24,55 | 0,438 8 | 60 000 | 2,30-E | S | 327 |
| 117-AL4 | 117 | 117 | 19 | 2,80 | 14,0 | 321,2 | 38,02 | 0,283 8 | 60 000 | 2,30-E | S | 429 |
| 148-AL4 | 148 | 148,1 | 19 | 3,15 | 15,8 | 406,5 | 48,12 | 0,223 9 | 60 000 | 2,30-E | S | 497 |
| 182-AL4 | 181,6 | 181,6 | 37 | 2,50 | 17,5 | 500,3 | 59,03 | 0,183 1 | 57 000 | 2,30-E | S | 564 |
| 228-AL4 | 228 | 227,8 | 37 | 2,80 | 19,6 | 627,6 | 74,04 | 0,146 0 | 57 000 | 2,30-E | S | 650 |
| 288-AL4 | 288 | 288,3 | 37 | 3,15 | 22,1 | 794,3 | 93,71 | 0,115 4 | 57 000 | 2,30-E | S | 754 |
| 366-AL4 | 366 | 366,2 | 37 | 3,55 | 24,9 | 1008,9 | 115,36 | 0,090 8 | 57 000 | 2,30-E | S | 876 |
| 570-AL4 | 570 | 570,2 | 61 | 3,45 | 31,1 | 1576,0 | 185,33 | 0,058 5 | 54 000 | 2,30-E | S | 1155 |
| 851-AL4 | 851 | 850,7 | 91 | 3,45 | 38,0 | 2360,7 | 276,47 | 0,039 4 | 52 000 | 2,30-E | S | 1485 |
| 1144-AL4 | 1144 | 1 143,5 | 91 | 4,00 | 44,0 | 3173,4 | 360,22 | 0,029 3 | 52 000 | 2,30-E | S | 1786 |
| 1596-AL4 | 1600 | 1 595,9 | 127 | 4,00 | 52,0 | 4427,5 | 502,72 | 0,021 0 | 50 000 | 2,30-E | S | 2221 |