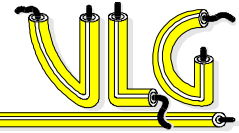


# FEP, MFA, PFA



**Tip:** conductoare rasucite, concentrice sau masive, stanate sau nestanate, din cupru argintat, nichelat si nichel pur

**Simbol international:** FEP, MFA, PFA (VDE 0207, VDE 0295)

**Tensiune nominala:** 300/500 V

**Domeniu de utilizare:** in aviatie, in domeniul militar sau naval, si in special in domeniul electronic si al aparatelor electrice de uz casnic. Materialele izolante dau conductorului rezistenta termica, la actiunea agentilor chimici, precum si o rezistenta mecanica si electrica deosebita.

## Constructia

**Conductoare:** din cupru argintat, cupru nichelat sau nichel pur, flexibile, rasucite, concentrice sau masive; **Izolatia:** FEP, MFA, PFA .

**Temperatura mediului ambiant:** pozat FEP -100°C la +205°C

MFA -100°C la +240°C

PFA -100°C la +260°C

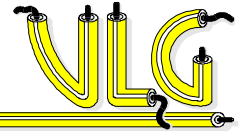


## Parametri tehnici:

| Sectiunea | Constructia | Sectiune nominala  | Rezistenta electrica la 20°C | Diametru exterior minim | Diametru exterior maxim |
|-----------|-------------|--------------------|------------------------------|-------------------------|-------------------------|
| (AWG)     | (mm)        | (mm <sup>2</sup> ) | (Ω/km)                       | (mm)                    | (mm)                    |
| 26        | 1x0,40      | 0,13               | 148,0                        | 0,78                    | 0,82                    |
| 26        | 7x0,16      | 0,14               | 137,0                        | 0,88                    | 0,92                    |
| 26        | 19x0,10     | 0,15               | 137,0                        | 0,88                    | 0,92                    |
| 24        | 1x0,51      | 0,20               | 92,50                        | 0,89                    | 0,93                    |
| 24        | 7x0,20      | 0,22               | 86,20                        | 0,98                    | 1,02                    |
| 24        | 19x0,13     | 0,24               | 86,20                        | 1,03                    | 1,07                    |
| 22        | 1x0,65      | 0,33               | 57,50                        | 1,03                    | 1,07                    |
| 22        | 7x0,25      | 0,35               | 53,60                        | 1,18                    | 1,22                    |
| 22        | 19x0,16     | 0,38               | 53,60                        | 1,18                    | 1,22                    |
| 20        | 1x0,81      | 0,52               | 37,10                        | 1,19                    | 1,23                    |
| 20        | 7x0,32      | 0,57               | 33,70                        | 1,38                    | 1,45                    |
| 20        | 19x0,20     | 0,61               | 33,70                        | 1,38                    | 1,45                    |
| 18        | 1x1,02      | 0,82               | 23,10                        | 1,40                    | 1,44                    |
| 18        | 7x0,40      | 0,90               | 21,10                        | 1,63                    | 1,67                    |
| 18        | 19x0,25     | 0,97               | 21,10                        | 1,63                    | 1,67                    |
| 16        | 1x1,30      | 1,31               | 14,60                        | 1,68                    | 1,72                    |
| 16        | 19x0,29     | 1,23               | 15,60                        | 1,83                    | 1,87                    |
| 14        | 1x1,63      | 2,08               | 9,20                         | 2,01                    | 2,05                    |

*Conductoare rezistente la temperaturi inalte*

# FEP, MFA, PFA



| Sectiunea<br>(AWG) | Constructia<br>(mm) | Sectiune<br>nominala<br>(mm <sup>2</sup> ) | Rezistenta<br>electrica la 20°C<br>(Ω/km) | Diametru<br>exterior minim<br>(mm) | Diametru<br>exterior maxim<br>(mm) |
|--------------------|---------------------|--------------------------------------------|-------------------------------------------|------------------------------------|------------------------------------|
| 14                 | 19x0,36             | 1,94                                       | 9,90                                      | 2,20                               | 2,24                               |
| 12                 | 1x2,05              | 3,31                                       | 5,70                                      | 2,43                               | 2,47                               |
| 12                 | 19x2,05             | 3,08                                       | 6,20                                      | 2,65                               | 2,70                               |

*Conductoare rezistente la temperaturi inalte*