



ENGLISH

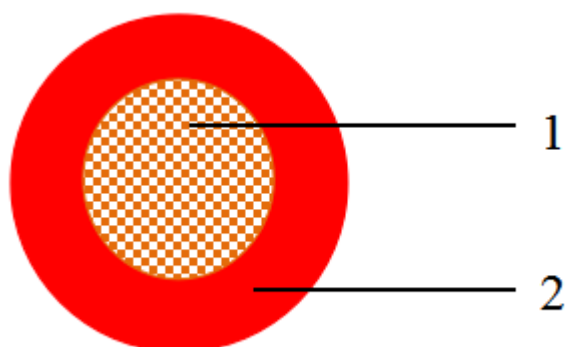
Datasheet

Wire model : AF150 (ETFE insulated wire)

Stock No: 2077138



Cross Section



| | |
|---|------------|
| 1 | Conductor |
| 2 | Insulation |

Physical characteristics

| | | |
|---------------------------------------|------------------------------|--|
| Conductor | AWG | 28 AWG |
| | Conductor material | Silver-plated copper wire |
| | Conductor structure | 1/0.32 |
| | Conductor dimension | 0.32 ± 0.01 mm |
| Insulation | Insulation material | ETFE |
| | Insulation thickness | 0.15 |
| | Insulation dimension | 0.62 ± 0.05 mm |
| | Insulation color | Red |
| Mechanical Physical Properties | Operating temperature range | $-65^{\circ}\text{C} \sim +160^{\circ}\text{C}$ |
| | Insulation tensile strength | $\cong 34.5$ MPa |
| | Insulation elongation | $\cong 100\%$ |
| Electrical properties | Max. operating voltage | 300V |
| | Max. conductor DC resistance | $223 \ \Omega/\text{Km} \ (\text{@ } 20 \ ^{\circ}\text{C})$ |
| | Min. insulation resistance | $500 \ \text{M}\Omega \cdot \text{Km} \ (\text{@ } 20 \ ^{\circ}\text{C})$ |
| | Wire withstand voltage test | 1500V/min |