



ENGLISH

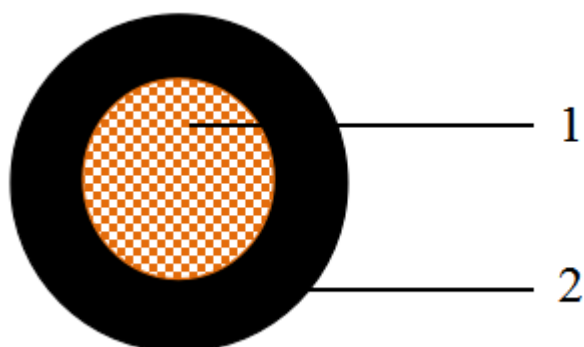
## Datasheet

Wire model : AF150 (ETFE insulated wire)

Stock No: 2077137



Cross Section



1	Conductor
2	Insulation

## Physical characteristics

<b>Conductor</b>	AWG	28 AWG
	Conductor material	Silver-plated copper wire
	Conductor structure	1/0.32
	Conductor dimension	$0.32 \pm 0.01$ mm
<b>Insulation</b>	Insulation material	ETFE
	Insulation thickness	0.15
	Insulation dimension	$0.62 \pm 0.05$ mm
	Insulation color	Black
<b>Mechanical Physical Properties</b>	Operating temperature range	$-65^{\circ}\text{C} \sim +160^{\circ}\text{C}$
	Insulation tensile strength	$\cong 34.5$ MPa
	Insulation elongation	$\cong 100\%$
<b>Electrical properties</b>	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