



ENGLISH

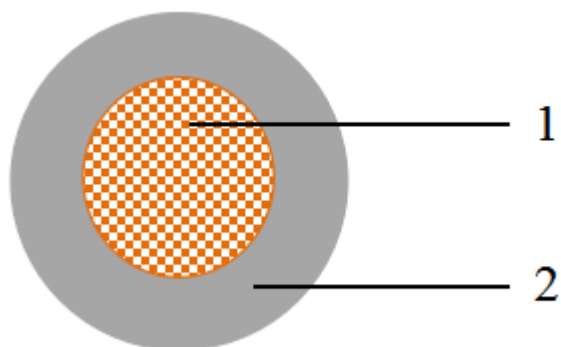
Datasheet

Wire model : AF150 (ETFE insulated wire)

Stock No: 2077127



Cross Section



1	Conductor
2	Insulation

Physical characteristics

Conductor	AWG	24 AWG
	Conductor material	Silver-plated copper wire
	Conductor structure	1/0.51
	Conductor dimension	0.51 ± 0.01 mm
Insulation	Insulation material	ETFE
	Insulation thickness	0.15
	Insulation dimension	0.81 ± 0.05 mm
	Insulation color	Grey
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	87.9 Ω/Km (@ 20 $^{\circ}\text{C}$)
	Min. insulation resistance	500 $\text{M}\Omega \cdot \text{Km}$ (@ 20 $^{\circ}\text{C}$)
	Wire withstand voltage test	1500V/min