

Description

1. Rated temperature : $-60 \pm 170^{\circ}\text{C}$
2. Rated Voltage: 220v
3. Max Voltage: 300V
4. conductor single or multiple twists made of 0.05-6mm² tincoated copper or naked copper
5. Insulation: ETFE Teflon film wrapped, with optional color schemes such as white, black ,red ,blue, grey, yellow, green, brown, orange etc.
6. Resistant to acids, alkalis, oils, flame retardant, fire resistance, and low smoke, no halogen.

Applicable range

In electronic and military applications, it can be used as extension cable, conductor for extremely low environment, high temperature heating coil, firing resistant wire. In electrical appliances industry, it can be installed in air conditioners, microwave oven, computerized rice cookers, electronic thermos, electric heater, electric frying pan, lightings as connections.

Technical parameter

Section Area mm ²	Cores No./Dim No./mm	Overall Dim mm ± 0.1	Average Insulation Thickness mm	Min. Insulation Thickness mm	Current carrying capacity A	Conductor Max Resist. Ω/km
0.05	7/0.10	0.82	≥ 0.26	≥ 0.23	0.4	340
	1/0.26	0.78				
0.08	7/0.12	0.87			0.6	254
	1/0.32	0.85				
0.12	19/0.10	1.02			0.8	163
	7/0.15	0.97				
	1/0.41	0.97				
0.20	19/0.12	1.17			1.5	94.0
	7/0.20	1.12				
	1/0.52	1.12				
0.30	19/0.15	1.37			2.5	67.2
	7/0.254	1.26				
	1/0.67	1.26				
0.50	19/0.185	1.50			6.0	40.1
	7/0.31	1.40				
	1/0.80	1.40				
0.75	19/0.23	1.78			10	26.2
	7/0.40	1.68				
	1/1.00	1.68				
1.0	19/0.26	1.92			14	20.0
	1/1.15	1.85				
1.5	19/0.32	2.22			22	12.2
	1/1.39	2.08				
2.0	19/0.37	2.45	≥ 0.29	≥ 0.26	26	9.50
2.5	19/0.41	2.70	≥ 0.29	≥ 0.26	30	7.56
	1/1.80	2.50				
4.0	19/0.52	3.28			40	4.70
6.0	37/0.46	3.95			55	3.11



AF-125X



AF-170X