



Paige Fence LogoWIRE
SIZES: 16 & 14 AWG



1.0 SCOPE:

1.1 This specification covers the construction requirements for Pet Fence Wire used for containing pets within a defined perimeter in residential and commercial projects. The wire is buried in the perimeter of the property and is connected to a transmitter. When the pet approaches the buried wire, an electronic collar emits a signal which causes the pet to move back within the boundaries of the defined perimeter.

2.0 CONSTRUCTION:

2.1 Conductor:

Soft annealed bare copper conforming to ASTM specification B-3 or B-8.

2.2 Insulation:

Black High Molecular Weight Polyethylene with a wall thickness of 0.045". Other colors available upon request.

3.0 SPLICING RECOMMENDATIONS:

3.1 For direct burial or above ground, use 3M DBR/Y-6. Paige Electric part number 270672 and specification P7364D.

4.0 CONSTRUCTION DATA:

Part Number	Size (AWG)	Conductor Type	Insulation Thickness (in)		Outside Diameter (in)		Approximate Shipping Weight (lbs/1000')	
			30V	600V	30V	600V	30V	600V
791645CFBK	16	Solid	0.030	0.045	0.568	0.598	13	15
790012	14				0.123	0.153	18	20
790045	16	Stranded			0.142	0.172	25	29
790005	14				0.161	0.191	38	42

Other constructions available, including 14AWG/2 conductor, twisted.