

# Kynar (PVDF) Dual Extrusion Cable

## Sizes and Specifications:

Item Number	No. of Strands	Circular Mils	AWG Diameter	Inner Layer Thickness	Outer Layer Thickness	Nominal Diameter	Weight per 1000 ft	DC Resistance at 20° C
#8 Kynar/PVDF	7	16,510	0.146 in	0.020 in	0.065 in	0.316	83 lb	0.640
#6 Kynar/PVDF	7	26,240	0.184 in	0.020 in	0.065 in	0.354	120 lb	0.403
#4 Kynar/PVDF	7	41,740	0.232 in	0.020 in	0.065 in	0.402	177 lb	0.254
#2 Kynar/PVDF	7	66,360	0.283	0.020 in	0.065 in	0.462	260 lb	0.159

## Application

A direct earth burial, DC lead, cathodic protection cable for use in deep anode grounded installations, designed to withstand corrosive gases.

## Standards

### Conductor

Stranded bare copper conductor conforms to ASTM Specification B-8.

### Insulation

A homogeneous wall of natural PVDF fluoropolymer (Kynar) shall be extruded over the conductor.

### Jacket

Insulation is high molecular weight polyethylene conforming to ASTM-D-1248, Type 1, Class A, Category 5, Grades E4 and E5. Tensile Strengths J1, J3 available.