

## Intelligent Coiled Cable and Tubing - ICCT

ICCT-HDPE-73.0mm-CT70-38.1mm×3.20mm-4AWG-Ground Wire-6AWG

### Technique Specifications

ICCT-HDPE-73.0mm-CT70-38.1mm×3.20mm-4AWG-Ground Wire-6AWG

Category	Classification	Material	Dimensions	
			inch	mm
Structure	Outer Sheath	HDPE	2.874×0.243	73.0×6.17
	Inner Tubing	CT70	1.500×0.126	38.1×3.20
	Shield	EPDN	t=0.027	t=0.69
	Conductor	Copper	4pcs×φ0.204	4pcs×φ5.18
	Insulation	EPDM	4pcs×φ0.354	4pcs×φ8.99
	Inner Sheath	HDPE	4pcs×φ0.417	4pcs×φ10.6
	Conductor (Ground Wire)	Copper	φ0.162	φ4.11
	Insulation (Ground Wire)	EPDM	φ0.311	φ7.90
	Hydraulic Control Line	316L	0.375×0.049	9.53×1.24
	Filler	HDPE	φ2.387	Φ60.6

### Mechanical Properties

Yield Force: 169.46kN

Unit Mass: 6.8kg/m

### Electrical Properties

Power Cable-4AWG/Ground Wire-6AWG

Max Electrical Resistance, 20°C: 0.84Ω/km (Power Cable)

Max Electrical Resistance, 20°C: 1.33Ω/km (Ground Wire)

Min Insulation Resistance, 20°C: 1100MΩ\*km (Power Cable)

Min Insulation Resistance, 20°C: 1100MΩ\*km (Ground Wire)

Voltage Test: DC35kV, @5minutes, No Breakdown (Power Cable)

Voltage Test: DC2.5kV, @5minutes, No Breakdown (Ground Wire)

### Other Properties

Temperature Range: -30°C-100°C

Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

Contact: sales@tubemfg.com

