



pumpwire
WE SPECIALIZE IN SUBMERSIBLES

spec P7371-SP

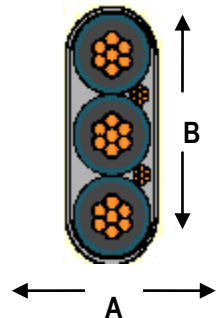
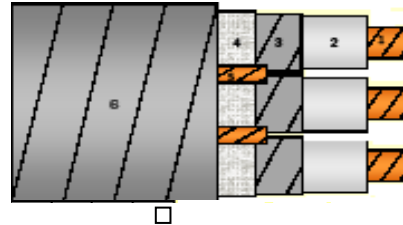
**ESP-F 5 kV -60/250° F 3 x 2/0 AWG
3 CONDUCTOR WITH GROUNDS
ARMORED FLAT ESP CABLE**

INSULATION: **EPDM**

OUTER JACKET: **NBR**

ARMOR: **INTERLOCKED GALVANIZED STEEL**

SIZES: **2/0 AWG**



1.0 PHASE CONDUCTOR:

PHASE CONDUCTOR	Bare Copper	IEEE 1018
SIZE	2/0	AWG
CROSS SECTION	67.4	mm ²
STRANDING CLASS	A	STRANDED
STRANDS	7 x 3.503	# x mm
DIAMETER	10.47	mm ²
D.C. RESISTANCE AT 20°C (Nom)	0.2660	ohm/km
RATED STRENGTH (Inf)	1492	kg
WATER & GAS BLOCKING COMPOUND - ADHESIVE IN THE OUTER LAYER		

2.0 INSULATION:

INSULATION	EPDM	
THICKNESS	4.1	mm
DIAMETER	18.9	mm
INSULATION AT 15.6°C (MIN)	774	Mohm-KM
OPERATING TEMPERATURE (°C) / VOLTAGE (V)	-51/121°C (-60/250°F)	5000v
VOLTAGE WITHSTAND	11.5kV AC	35 kV DC

3.0 TAPE:

TAPE	FLUOROPOLYMER	
THICKNESS (Nom)	0.05	mm
DIAMETER OVER TAPE	19.1	mm

4.0 SYNTHETIC BRAID:

SYNTHETIC BRAID	NYLON	
DIAMETER OVER BRAID	19.7	mm

REEL PACKAGE		DIAMETER	
REEL REF.	21 M	GROSS W (kg)	2100
		WIDTH (mm)	1152
LENGTH (m)	1524	6667	INT. DIAM. (mm)
			1050

ASSEMBLY:

ASSEMBLY			
DIMENSIONS (UNDER ARMOR)	A	19.7	mm
	B	59.0	mm

5.0 GROUND CONDUCTOR:

GROUND CONDUCTOR	Bare Copper	IEEE 1018
FORMATION / SIZE	2 x 7 AWG (4 AWG)	
TOTAL CROSS SECTION	21	mm ²
STRANDING CLASS	B	STRANDED
STRANDS	7 x 1.40	# x mm
DIAMETER	4.03	mm ²
D.C. RESISTANCE AT 20°C (Nom)	1.667	ohm/km
RATED STRENGTH (Inf)	234	kg
WATER & GAS BLOCKING COMPOUND		

6.0 ARMOR:

ARMOR IL-GST	INTERLOCKING GALVANIZED STEEL TAPE	
TAPE THICKNESS	0.51	mm
IDENTIFICATION TAPE UNDER ARMOR		

7.0 GENERAL DATA:

DATA			
OVERALL DIMENSIONS	A	21.7	mm
	B	61	mm
COPPER WEIGHT	1359	lts/mft	
	2024	kg/km	
APPROXIMATE TOTAL WEIGHT	2734	lts/mft	
	4070	kg/km	

STANDARDS / TEST	
STANDARDS	ASTM B496, IEEE 1018
ROUTINE TEST	DIMENSIONS, DIAMETERS, THICKNESS DC RESISTANCE
	INSULATION RESISTANCE, VOLTAGE WITHSTAND
TYPE TEST	MECHANICAL AND THERMAL TESTS TO INSULATION AND JACKET