



(dimensions and colors indicative)

1. Construction

- 1.- **CONDUCTOR:** ANNEALED STRANDED COPPER WIRES: According to IEC 60228 Class 2
- 2.- **INSULATION:** Mica/Glass tape(s) + XLPE compound, according to IEC 60092-360
- 3.- **LAY-UP** of PAIRS
- 4.- **INDIVIDUAL SHIELD:** AL/PET TAPE + Drain + Synthetic tape(s)
- 5.- **COLLECTIVE SHIELD:** AL/PET tape + drain wire
- 6.- **SEPERATION TAPES:** Polyester tape
- 7.- **BRAID ARMOUR:** Copper Wire braid according to IEC 60092-350
- 8.- **OVERSHEATH:** LSZH COMPOUND SHF1 TYPE , according to IEC 60092-360, BLACK Colour

9.- **MARKING:** [] PRYSMIAN -AFUMEX MARINE CABLES -TCIF (03J2XPC4Z1-R/LJST-FRHF) PIMFnc X sect mm2 - 250 V - IEC 60092-376 - IEC 60332-3/A IEC 60331 + YEAR + metric marking (by ink)

[] Production Plant Code

2. Technical Characteristics

Characteristics	Standard & Value
Design standard:	IEC 60092-376
Voltage rating:	250 V
Maximum conductor temperature:	90 °C
Minimum bending radius:	4 D
Operating/Installation Temperature Range:	-15°C to 55°C

3. Additional requirements

Flame retardant: IEC 60332-1	Blue & White core with number printed pairs
Fire propagation: IEC 60332-3-22 (Cat.A)	
Smoke Density: IEC 61034 1/2	
Amount of Halogen Acid Gas : IEC 60754-1/2	
Fire Resistance : IEC 60331-21	

4. Colour Code of insulation