



(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 paris

4.- **SEPERATION TAPES:** Polyester tape

5.- **BRAID ARMOUR:** Copper Wire braid according to IEC 60092-350

6.- **OVERSHEATH:** LSZH COMPOUND SHF1 TYPE , according to IEC 60092-360, ORANGE Colour

7.- **MARKING:** [] PRYSMIAN -AFUMEX MARINE CABLES -TCF (03J2XPC4Z1-R/LJST-FRHF) nc 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
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

Blue & White core with number printed pairs