

STCC/XLPE/LSZH/GSWB/PVC Type P3 power cable Used in low voltage energy distribution. Fire Retardant cable according to standard IEC 60332.3, categories A and offers an excellent mechanical protection during laying, installation and service. With the flameproof characteristic, these cables are highly recommended in areas with high explosion or risk of fire, similar cable is [Type P2 power cable](#).



STCC/XLPE/LSZH/GSWB/PVC Type P3 power cable structure

0.6/1.0kV STRANDED TINNED ANNEALED CIRCULAR COPPER (STCC) TO IEC 60228 AND COMPLY WITH THE REQUIREMENT OF IEC 60092-350.

THE CONDUCTORS SHALL BE A MINIMUM OF CLASS 2. CROSS-LINKED POLYETHYLENE (XLPE) INSULATION IN ACCORDANCE WITH RELEVANT PART OF IEC 60092.

INNER SHEATH OF FLAME RETARDANT, HALOGEN FREE COMPOUND, LOW SMOKE ZERO HALOGEN, ARMOUR OF GALVANISED STEEL WIRE Braid (GSWB)

PVC OUTERSHEATH AS PER IEC 60092-359, REDUCED FLAME PROPAGATION TO IEC 60228 CLASS 2 (FLAME RETARDANT CATEGORY A).

CABLE COLOUR CODE AS PER IEC 60445 ANNEXE A AND IEC 60757.

3 PHASE - BLACK (BK), BROWN (BR), GREY (GR), BLUE (BU-NEUTRAL)

1 PHASE - BLACK (BK), BLUE (BU-NEUTRAL)

DC POWER - RED (POSITIVE LINE) AND WHITE (NEGATIVE LINE) SIDES OF WALLS, FLOORS, CEILING OR CABLE TRANSIT THE CABLE MAY PASS THROUGH.

A - TWO CORE : BLACK (BK) and BLUE (BU)

B - THREE CORE : BLACK (BK), BROWN (BR) and GREY (GY)

C - FOUR CORE : BLACK (BK), BROWN (BR), GREY (GY) and BLUE (BU)

D - TWO CORE + E : BLACK (BK), BLUE (BU) and GREEN-and-YELLOW (GNYE)

E - FOUR CORE + E : BLACK (BK), BROWN (BR), GREY (GY), BLUE (BU) and GREEN-and-YELLOW (GNYE)

Our company's marine cables have passed the certification of China Classification Society, British Bureau of Shipping and American Bureau of Shipping. If you need to customize marine cables or [NEK606 cables](#), please contact us.