



TECHNICAL SPECIFICATION



Khorasan Electric Ind. Co.



Cable 1 x 70 (NA)2XY

| Cable Layer Construction | | AL / XLPE / PVC | | LV | |
|--------------------------|---|---|-----------------------------|-----------------|-------------------------|
| Applicable Standard(s) | | IEC 60502-1 & ISIRI 3569-1 & ISIRI 3084 | | | |
| R | Description | | Unit | Specification | |
| 1 | CONDUCTOR | AL | Material | **** | Aluminum |
| | | | Type | **** | Stranded (Class 2) RM |
| | | | Nominal Cross Section Phase | mm ² | 1 x 70 |
| | | | Number & Dia of Wire Phase | no * mm | 19 x 2.1 |
| | | | Shape | **** | ROUND |
| 2 | INSULATION | XLPE | Material | **** | Extruded XLPE |
| | | | Thickness Phase | mm | 1.1 |
| | | | Colour | **** | Black |
| 3 | SHEATH | PVC | Material | **** | Extruded PVC |
| | | | Thickness | mm | 1.4 |
| | | | Colour | **** | Black |
| 4 | Approx. overall diameter of cable | | mm | 15.5 | |
| 5 | Approx. Weight of cable | | Kg/km | 311 | |
| 6 | Packing | | **** | Drum | |
| 7 | Rated Voltage U0/U (Um) | | Kv | 0.6/1 (1.2) | |
| 8 | System Frequency | | Hz | 50 | |
| 9 | DC conductor resistant At 20 °C | | Ω/ Km | 0.443 | |
| 10 | Short circuit withstand current / time5s | | KA | 2.9 | |
| 11 | Cable Voltage test | | KV | 4 | |
| 12 | Max.Short circuit withstand current temperature | | °C | + 250 | |
| 13 | Operation temperature | | °C | -5 to +90 | |
| 14 | Special Proerties | | Flame Retardant | IEC 60332-1-2 | |

(افشارزاد) KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NA2XY 1x70 mm2 RM MADE IN IRAN CE