TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.

## Power Cable 1 x 50 (N)YY Flexible

P.V.C - insulated & Sheathed,Single-Core Cable with Flexible Conductor Type NYY-F, 0.6/1 KV ACC( INSO 3569-1)

| | | |
|---|---|---|
| Cable Layer Construction | CU , PVC , PVC | LV |
| Applicable Standard(s) | IEC 60502-1 & INSO 3569-1 & IEC 60228 & DIN VDE 0271 | |

| Description | | | Unit | Specification |
|---|---|---|---|---|
| CONDUCTOR | CU | Material | **** | Plain Annealed Copper |
| | | TYPE | **** | Flexible ( Class 5 ) RF |
| | | No.of core & Conductor Area | no (mm²) | 1 x 50 |
| | | No & Dia of Wire | no (mm) | 384 x 0.39 |
| | | Shape | **** | ROUND |
| INSULATION | PVC | Material | **** | Extruded PVC |
| | | Thickness | mm | 1.4 |
| | | Colour | **** | Black |
| Outer Sheath | PVC | Material | **** | Extruded PVC |
| | | Thickness | mm | 1.4 |
| | | Colour | **** | Black |
| Overall diameter ( Approx. ) | | | mm | 15.2 |
| Cable Weight ( Approx. ) | | | Kg / km | 590 |
| Packing | | | **** | Drum |
| Rated Voltage Uo/U (Um) | | | KV | 0.6 / 1 (1.2) |
| System Frequency | | | Hz | 50 |
| DC conductor resistant At 20 °C | | | Ω/ Km | 0.386 |
| Condoctor Short Circuit Current ( 1 Sec ) | | | KA | 5.55 |
| Test voltage | | | KV | 4 |
| Max.Short circuit withstand current temperature | | | °C | + 160 |
| OPeration temperature | | | °C | - 30 to +70 |
| Special Proerties | | | Flame Retardant | IEC 60332-1-2 |

(افشارنژاد) KHORASAN ELECTRIC IND.CO INSO3569-1 6932568916 0.6 / 1KV 1x50 mm2 RF FLEXIBLE MADE IN IRAN CE

| | | | | | |
|---|---|---|---|---|---|
| CU | Copper | PET | Polyester Tape | CWC+CT | Concentric Copper Wire Conductor+Copper Tape |
| TiCu | Tinned Copper | Al-PET | Aluminum Polyester Tape | CWS+CT | Concentric Copper Wire Screen+Copper Tape |
| MGT | Mica Glass Tape | CU-PET | Copper Polyester Tape | SWA | Steel Wire Armour |
| PVC | Polyvinyl Chloride | TDW | Tinned Drain Wire | SWB | Steel Wire Braid |
| PE | Polyethylene | CWB | Copper Wire Braid | DTA | Double Tape Armour |
| XLPE | Cross Linked Polyethylene | TCWB | Tinned Copper Wire Braid | LSPVC | Low Smoke PVC |
| SR | Silicone Rubber | OSCR | Overall Screen | LSFOH | Low Smoke Free Of Halogen |

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