



TECHNICAL SPECIFICATION



Khorasan Electric Ind. Co.



Power Cable 5 x 25 (N)YY-J Flexible (0.6/1KV)

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

Cable Layer Construction **CU , PVC , 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 | L | 3 x 25 |
| | | | N | 1 x 25 |
| | | | PE | 1 x 25 |
| | | No & Dia of Wire | L | 189 x 0.39 |
| N | 189 x 0.39 | | | |
| PE | 189 x 0.39 | | | |
| Shape | **** | ROUND | | |
| INSULATION | PVC | Material | **** Extruded PVC | |
| | | Thickness | L | 1.2 |
| | | | N | 1.2 |
| | | | PE | 1.2 |
| Colour | L:Black,Brown,Red,N:Blue,PE:Green:Yellow | | | |
| Filler | PVC | Material | **** Extruded PVC | |
| | | Thickness | mm 1.2 | |
| Outer Sheath | PVC | Material | **** Extruded PVC | |
| | | Thickness | mm 2.0 | |
| | | Colour | **** Black | |
| Overall diameter (Approx.) | | mm | 31.3 | |
| Cable Weight (Approx.) | | Kg / km | 1,978 | |
| Packing | | **** | Drum | |
| Rated Voltage U ₀ /U (Um) | | KV | 0.6 / 1 (1.2) | |
| System Frequency | | Hz | 50 | |
| DC conductor resistant At 20 °C | | Ω/ Km | 0.78 | |
| Conductor Short Circuit Current (1 Sec) | | KA | 2.78 | |
| 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 | |

(افشار اردو) KHORASAN ELECTRIC IND.CO INSO 3569-1 6932568916 0.6 /1KV NYY-J 5x25 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 |