

**0.6/1 kV PVC INSULATED
LIST OF GUARANTEED CHARACTERISTICS**

CUSTOMER : IMAN CO.
NO. :
GOODS NO. OF. CUSTOMER :
FILE NO. :

GUARANTEED

| | | |
|----------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------|
| 1. Producer | : | HES HACILAR ELEKTRİK SAN. VE TİC. A.Ş. |
| 2. Cable Code | : | YVV-R(NYY-O) |
| 3. Applied Standards | : | IEC 60502-1 |
| 4. Rated Voltage (U0/Um) | (kV) : | 0.6/1 |
| 5. Cross-sectional Area | (mm ²) : | 3x185+95RM |
| 6. Conductor | | |
| a)Material | : | Electrolytic Copper |
| b)Number of Wires | : | 37±1 / 19±1 |
| c)Type of Stranding | : | Circular(Compacted) |
| d)Outer Diameter of strand | (mm) : | 15,9 / 11,45 ±0,5 |
| 7. Current Carrying Capacity at 20 °C | | |
| a)In Air (Ambient Temperature 30 °C) | (A) : | 370 |
| b)Under Ground at a depth of 70 cm (ground temperature) 20 °C, ground thermal resistance 1,0 km/W) | (A) : | 400 |
| 8. Conductor DC Resistance at 20 °C (max.) | (Ω/km) : | 0,0991 |
| 9. Maximum Continuous Conductor Temperature | (°C) : | 70 |
| 10. Conductor AC Resistance at 70 °C | (Ω/km) : | 0,1185 |
| 11. Dielectric Losses (at 20 °C) | (kw/km) : | 27,5 |
| 12. Maximum Temperature of Conductor at SC Condition | (°C) : | 160 |
| 13. Maximum Short-Circuit Current for 1 second | (kA) : | 21,28 |
| 14. Type Of Insulation Material | : | PVC |
| 15. Nominal Thickness Of Insulation | (mm) : | 2,0 / 1,6 |
| 16. Diameter of Concentric Wires (*) | (mm) : | - |
| 17. Width (*) & Thickness or Diameter of Armour Wires (*) | (mm) : | - |
| 18. Type Of outer sheath Material | : | PVC |
| 19. Nominal Thickness Of Outer Sheath | (mm) : | 2,6 |
| 20. Outer Diameter of Cable (With Tolerance) | (mm) : | 54 ± 3 |
| 21. Weight of Cable (*) | (kg/km) : | 8200 |
| 22. Weight of Steel (*) | (kg/km) : | - |
| 23. Weight of Copper (*) | (kg/km) : | 5540 |
| 24. Minimum Bending Radius | (mm) : | 648 |
| 25. Lowest Laying Temperature | (°C) : | +3 |
| 26. Drums | : | HES 200 |
| . Flange (Wheel) Diameter | (mm) : | 2000 |
| . Barrel Diameter | (mm) : | 1000 |
| . Barrel Length | (mm) : | 1000 |
| . Outside Width | (mm) : | 1160 |
| . Length of Cable (*) | (m) : | 500 |
| 27. Gross(*) & Net Weight(*) | (kg) : | 4700 4100 |
| 28. Core Coluer | : | Brown-Black-Grey-Blue |
| 29. Outher Sheath Color | : | Black |
| 28. Cablo Marking (Ink-jet) | : | HES KABLO YVV-R (NYY-O) 3X185+95RM mm ² 0,6/1 kV IEC 60502-1 06 2014 meter |
| 30. Drum Marking | : | Producer-Length-Cable Code-Rated Voltage-Cross-sectional Area |

* : ± 5 % tolerance is acceptable for these values

DATE
01.07.2014

