

**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)	: 3x10RM+6RM
6. Conductor		
a)Material		: Electrolytic Copper
b)Number of Wires		: 7± 1
c)Type of Stranding		: Circular(Compacted)
d)Outer Diameter of strand	(mm)	: 3,9 / 3,0 ±0,5
7. Current Carrying Capacity at 20 °C		
a)In Air (Ambient Temperature 30 °C)	(A)	: 60
b)Under Ground at a depth of 70 cm (ground temperature 20 °C, ground thermal resistance 1,0 km/W)	(A)	: 75
8. Conductor DC Resistance at 20 °C (max.)	(Ω/km)	: 1,83
9. Maximum Continuous Conductor Temperature	(°C)	: 70
10. Conductor AC Resistance at 70 °C	(Ω/km)	: 2,1887
11. Dielectric Losses (at 20 °C)	(kw/km)	: 17,8
12. Maximum Temperature of Conductor at SC Condition	(°C)	: 160
13. Maximum Short-Circuit Current for 1 second	(kA)	: 1,15
14. Type Of Insulation Material		: PVC
15. Nominal Thickness Of Insulation	(mm)	: 1,0 / 1,0
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)	: 1,8
20. Outer Diameter of Cable (With Tolerance)	(mm)	: 19 ± 1
21. Weight of Cable (*)	(kg/km)	: 725
22. Weight of Steel (*)	(kg/km)	: -
23. Weight of Copper (*)	(kg/km)	: 312
24. Minimum Bending Radius	(mm)	: 228
25. Lowest Laying Temperature	(°C)	: +3
26. Drums		: HES 120
. Flange (Wheel) Diameter	(mm)	: 1200
. Barrel Diameter	(mm)	: 600
. Barrel Length	(mm)	: 760
. Outside Width	(mm)	: 900
. Length of Cable (*)	(m)	: 1000
27. Gross(*) & Net Weight(*)	(kg)	: 800 725
28. Core Coluer		: Brown-Black-Grey-Blue
29. Outher Sheath Color		: BLACK
28. Cablo Marking (Ink-jet)		: HES KABLO YVV-R (NYY-O) 3X10RM+6RM mm ² 0,6/1 kV IEC 60502-1 10 2012 meter
30. Drum Marking		: Producer-Length-Cable Code-Rated Voltage-Cross-sectional Area

* : ± 5 % tolerance is acceptable for these values

DATE
01.07.2014

