

**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/U _m)	(kV) :	0.6/1
5. Cross-sectional Area	(mm ²) :	1x240 RM
6. Conductor		
a)Material	:	Electrolytic Copper
b)Number of Wires	:	49 ±1
c)Type of Stranding	:	Circular(Compacted)
d)Outer Diameter of strand	(mm) :	18,30 ±0,5
7. Current Carrying Capacity at 20 °C		
a)In Air (Ambient Temperature 45 °C)	(A) :	590
b)Under Ground at a depth of 70 cm (ground temperature) 20 °C, ground thermal resistance 1,0 km/W	(A) :	561
8. Conductor DC Resistance at 20 °C (max.)	(Ω/km) :	0,0754
9. Maximum Continuous Conductor Temperature	(°C) :	70
10. Conductor AC Resistance at 70 °C	(Ω/km) :	0,0902
11. Dielectric Losses (at 20 °C)	(kw/km) :	41,1
12. Maximum Temperature of Conductor at SC Condition	(°C) :	160
13. Maximum Short-Circuit Current for 1 second	(kA) :	27,60
14. Type Of Insulation Material	:	PVC
15. Nominal Thickness Of Insulation	(mm) :	2,2
16. Diameter of Concentric Wires (*)	(mm) :	-
17. Width (*) & Thickness or Diameter of Armour Wires (*)	(mm) :	-
18. Thickness of Zinc Coating of Armour Wires (min.)	(g/mm ²) :	-
19. Nominal Thickness Of Outer Sheath	(mm) :	1,8
20. Outer Diameter of Cable (With Tolerance)	(mm) :	26 ± 3
21. Weight of Cable (**)	(kg/km) :	2500
22. Weight of Steel (**)	(kg/km) :	-
23. Weight of Copper (**)	(kg/km) :	2100
24. Minimum Bending Radius	(mm) :	312
25. Lowest Laying Temperature	(°C) :	+3
26. Drums	:	HES 150
. Flange (Wheel) Diameter	(mm) :	1500
. Barrel Diameter	(mm) :	750
. Barrel Length	(mm) :	680
. Outside Width	(mm) :	800
. Length of Cable (*)	(m) :	1000
27. Gross(**) & Net Weight(**)	(kg) :	2780 2500
28. Core Coluer	:	Black
29. Outher Sheath Color	:	Black
28. Cabo Marking (Ink-jet)	:	HES YVV-R (NYY-O) 1X240RM mm ² 0,6/1 kV IEC 60502-1 01 2013 meter
30. Drum Marking	:	Producer-Length-Cable Code-Rated Voltage-Cross-sectional Area

* : ± 5 % tolerance is acceptable for these values

** : ± 2 % tolerance is acceptable for these values

DATE
09.01.2013

