

**Code****NYIFY-U CU/PVC/PVC****Voltage Rating****300/500 V****Standards****VDE 0250 Teil 201****IEC 60228****Conductor****Reaction to Fire Classification (CPR)****EN 60332-1-2****Flame Retardant****Conductor****Solid Copper Conductor (Class 1)****Insulation****PVC (Polyvinyl Chloride)****Filler****-****Armour****-****Sheath****PVC (Polyvinyl Chloride)****Technical Data**

Max. Operating Temperature	:	70°C
Short Circuit Temperature	:	160°C (max.5 sec)
Bending Radius	:	12D (D : Overall Diameter)
Test Voltage	:	2 kV

Application

Suitable for dry and humid areas. All type of factory, warehouse and depots where there is fire and explosion threat. Not suitable for underground. Used in fixed installations laying in conduit and under plaster.

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
2x1	12,4 x 3,7	66,5	1000	18,1	-	10
2x1,5	12,9 x 4,0	77,9	1000	12,1	-	19
2x2,5	13,7 x 4,3	99,4	1000	7,41	-	27
2x4	15,4 x 5,2	141,5	1000	4,61	-	34
2x6	16,4 x 5,7	183,2	1000	3,08	-	-

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
3x1	17,0 - 3,7	92,0	1000	18,1	-	10
3x1,5	17,7 x 4,0	108,8	1000	12,1	-	19
3x2,5	20,0 x 4,3	141,4	1000	7,41	-	27
3x4	22,4 x 5,2	206,0	1000	4,61	-	34
3x6	23,8 x 5,7	267,1	1000	3,08	-	-

Note :

Current carrying capacities are valid at 30°C ambient temperature