



Cu/PVC/PVC-f (NYYHY) 0.6/1 kV

SPECIFICATION

SNI IEC 60502-1



APPLICATION

Internal wiring with medium mechanical stress for electrical equipments - cooking and heating appliances provided that the cable does not come in contact with the hot parts. This power cord is also commonly used in machineries with rated voltages up to 0.6/1 kV.

Construction

- 1- Conductor : Annealed bunched copper wire
 2- Insulation : PVC (Polyvinyl Chloride)
 3-Outer Sheath : PVC (Polyvinyl Chloride)

General Characteristics

- Test Voltage : 3.5 kV / 5 Min
 Max. Operating Temperature : 105°C
 Flame Retardant : IEC 60332-1
 Min. Tensile Strength : 12.75 N/mm²

No. of Cores	Dimension and Weight					Electrical Properties				
	Cross Section Area	Conductor Diameter	Thickness		Overall Diameter	Cable Weight (100m)	DC Resistance at 20°C		Current Carrying Capacity at 30°C	Short Circuit Current 1 Sec
			Insulation	Sheath			Conductor	Insulation		
mm ²	N x mm	mm		mm	Kg	Max. Ω/km	Min. M.Ω.km	A	kA	
2	1.5	30 x 0.25	0.80	1.80	11.40	18.50	12.10	50	21	0.17
	2.5	50 x 0.25	0.80	1.80	12.50	23.30	7.41	50	29	0.29
	4	57 x 0.30	1.00	1.80	14.85	34.20	4.61	50	38	0.46
	6	85 x 0.30	1.00	1.80	16.00	41.80	3.08	50	48	0.69
	10	80 x 0.40	1.00	1.80	17.85	56.00	1.83	50	66	1.16
	16	7 x 18/ 0.40	1.00	1.80	21.35	81.00	1.15	40	90	1.84
	25	7 x 28/ 0.40	1.20	1.80	25.10	116.00	0.73	30	120	2.88
3	1.5	30 x 0.25	0.80	1.80	11.90	20.65	12.10	50	21	0.17
	2.5	50 x 0.25	0.80	1.80	13.05	26.50	7.41	50	29	0.29
	4	57 x 0.30	1.00	1.80	15.55	39.20	4.61	50	38	0.46
	6	85 x 0.30	1.00	1.80	16.80	48.70	3.08	50	48	0.69
	10	80 x 0.40	1.00	1.80	18.80	65.55	1.83	50	66	1.16
	16	7 x 18/ 0.40	1.00	1.80	22.60	96.60	1.15	40	90	1.84
	25	7 x 28/ 0.40	1.20	1.80	26.60	139.60	0.73	30	120	2.88

No. of Cores	Dimension and Weight					Electrical Properties				
	Cross Section Area	Conductor Diameter	Thickness		Overall Diameter	Cable Weight (100m)	DC Resistance at 20°C		Current Carrying Capacity at 30°C	Short Circuit Current 1 Sec
			Insulation	Sheath			Conductor	Insulation		
mm ²	N x mm	mm		mm	Kg	Max. Ω/km	Min. M.Ω.km	A	kA	
4	1.5	30 x 0.25	0.80	1.80	12.75	23.80	12.10	50	21	0.17
	2.5	50 x 0.25	0.80	1.80	14.00	30.80	7.41	50	29	0.29
	4	57 x 0.30	1.00	1.80	16.75	46.00	4.61	50	38	0.46
	6	85 x 0.30	1.00	1.80	18.15	57.70	3.08	50	48	0.69
	10	80 x 0.40	1.00	1.80	20.40	80.00	1.83	50	66	1.16
	16	7 x 18/ 0.40	1.00	2.00	24.60	116.55	1.15	40	90	1.84
	25	7 x 28/ 0.40	1.20	1.80	29.15	169.50	0.73	30	120	2.88
5	1.5	30 x 0.25	0.80	1.80	13.65	27.45	12.10	50	21	0.17
	2.5	50 x 0.25	0.80	1.80	15.05	35.80	7.41	50	29	0.29
	4.0	57 x 0.30	1.00	1.80	18.10	53.90	4.61	50	38	0.46
6	1.5	30 x 0.25	0.80	1.80	14.60	31.50	12.10	50	21	0.17
	2.5	50 x 0.25	0.80	1.80	16.10	41.40	7.41	50	29	0.29
	4.0	50 x 0.25	1.00	1.80	19.50	62.65	4.61	50	38	0.46
7	1.5	30 x 0.25	0.80	1.80	14.60	33.80	12.10	50	21	0.17
	2.5	50 x 0.25	0.80	1.80	16.10	44.75	7.41	50	29	0.29
	4.0	57 x 0.30	1.00	1.80	19.50	68.10	4.61	50	38	0.46

Available Colors

