



## Cu/PVC/PVC-f (NYMHY) 300/500 V

### SPECIFICATION

SNI 04-6629.5  
60227 IEC 53



### APPLICATION

Permanent installation in conduit under plaster or useful for use in dry or damp locations for medium duties in domestic premises, kitchens, offices, washing machines, refrigerators, etc. Can be used for cooking and heating appliances provided that the cable does not come in contact with the hot parts.

### Construction

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

### General Characteristics

- Test Voltage : 2 kV / 5 Min
- Max. Operating Temperature : 70°C
- Flame Retardant : IEC 60332-1
- Min. Tensile Strength : 10.25 N/mm<sup>2</sup>

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 <sup>2</sup>	N x mm	mm		mm	Kg	Max. Ω/km	Min. M.Ω.km	A	kA	
2	0.75	24 x 0.20	0.65	0.85	6.60	6.00	26.00	58	12	0.09
	1	32 x 0.20	0.67	0.85	7.00	7.00	19.50	53	15	0.12
	1.5	30 x 0.25	0.78	0.85	8.00	9.25	13.00	50	18	0.17
	2.5	50 x 0.25	0.85	1.05	9.60	13.85	7.90	50	25	0.29
3	0.75	24 x 0.20	0.65	0.85	7.00	7.15	26.00	58	12	0.09
	1	32 x 0.20	0.67	0.85	7.40	8.20	19.50	53	15	0.12
	1.5	30 x 0.25	0.78	0.95	8.60	11.30	13.00	50	18	0.17
	2.5	50 x 0.25	0.85	1.14	10.35	17.10	7.90	50	25	0.29
4	0.75	24 x 0.20	0.65	0.85	7.60	8.50	26.00	58	12	0.09
	1	32 x 0.20	0.67	0.85	8.10	10.30	19.50	53	15	0.12
	1.5	30 x 0.25	0.78	1.00	9.60	14.30	13.00	50	18	0.17
	2.5	50 x 0.25	0.85	1.14	11.30	21.30	7.90	50	25	0.29
5	0.75	24 x 0.20	0.65	0.90	8.40	10.45	26.00	58	12	0.09
	1	32 x 0.20	0.67	0.90	8.95	12.60	19.50	53	15	0.12
	1.5	30 x 0.25	0.78	1.10	10.70	18.00	13.00	50	18	0.17
	2.5	50 x 0.25	0.85	1.20	12.60	26.55	7.90	50	25	0.29

