



Cu/PVC-f (NYAF)

450/750 V

SPECIFICATION

SNI 04-6629.3
60227 IEC 02



APPLICATION

Single core insulated conductor, without sheath, for general purposes. Suitable for fixed protected installation, or on, lighting or control gear for rated voltages up to 450/750 V. Installation in surface mounted or embedded conduits, or similar closed systems.

Construction

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

General Characteristics

- Test Voltage : 2.5 kV / 5 Min
Max. Operating Temperature : 70°C
Flame Retardant : IEC 60332-1
Min. Tensile Strength : 10.25 N/mm²

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
					Conductor	Insulation		1 Sec
mm ²	N x mm	mm	mm	Kg	Max. Ω/km	Min. M.Ω.km	A	kA
1.5	30 x 0.25	0.78	3.15	2.20	12.40	50	24	0.17
2.5	50 x 0.25	0.85	3.75	3.35	7.20	46	32	0.29
4	57 x 0.30	0.90	4.43	5.15	4.40	40	42	0.46
6	85 x 0.30	1.15	5.50	7.80	3.00	36	53	0.69
10	80 x 0.40	1.20	6.53	12.00	1.88	32	72	1.16
16	7 x 18/0.40	1.20	8.28	18.85	1.15	23	97	1.84
25	7 x 28/0.40	1.28	9.90	28.50	0.70	23	128	2.88
35	7 x 40/0.40	1.32	11.40	39.50	0.55	20	156	4.03
50	7 x 57/0.40	1.47	13.40	55.30	0.38	20	195	5.75
70	7 x 80/0.40	1.62	15.04	75.50	0.27	20	243	8.05

Available Colors

