



Cu/PVC-f (NYAF)

0.6/1 kV

SPECIFICATION

SNI IEC 60502-1



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 0.6/1 kV. 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 : 3.5 kV / 5 Min
Max. Operating Temperature : 105°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	0.85	3.30	2.30	12.10	50	24	0.17
2.5	50 x 0.25	0.90	3.85	3.45	7.41	46	32	0.29
4	57 x 0.30	1.08	4.80	5.50	4.61	40	42	0.46
6	85 x 0.30	1.15	5.50	7.75	3.08	36	53	0.69
10	80 x 0.40	1.20	6.53	12.05	1.83	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	1.35	10.05	28.70	0.73	23	128	2.88
35	7 x 40/0.40	1.35	11.47	39.50	0.52	20	156	4.03
50	7 x 57/0.40	1.55	13.57	55.90	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

