



Cu/PVC-f (NYAF)

300/500 V

SPECIFICATION

SNI 04-6629.3
60227 IEC 06



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 300/500 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 1 Sec
					Conductor	Insulation		
mm ²	N x mm	mm	mm	Kg	Max. Ω/km	Min. M.Ω.km	A	kA
0.5	16 x 0.20	0.64	2.20	0.95	37.10	65	6	0.06
0.75	24 x 0.20	0.66	2.45	1.25	24.70	58	12	0.09
1	32 x 0.20	0.67	2.65	1.55	18.50	53	19	0.12

Available Colors

