



Construction

- Flexible annealed bare copper conductor, stranded according to IEC 60228 class 5
- PVC Insulated, 70°C
- Flame Retardancy : IEC-60332-1
- Standard : IEC-60227-1
: SNI 04-6629.3

(other specifications are available on request : tinned copper conductor, flame retardancy to IEC 60332-cat.A/B/C, low smoke halogen free, heat resistant, oil resistant, hydrocarbon resistant, anti termite, anti rodent)

Application

- For permanent installation in conduit or wiring in dry location

Construction and Electrical Data

Nom. Cross Section Area	Overall Diameter	Cable Weight	DC Resistance at 20°C		Insulation Thickness	Current - Carrying Capacity at 30°C		Conductor Make-up	Short circuit current at 1 sec	
			Conductor			in air	(No. of Wires x diameter)		Max.	
			approx.	approx.		Max.			(A)	(A)
(mm ²)	(mm)	(kg/km)	(Ω/km)	(mm)	(A)	(A)	(A)			
1.5	3.1	22	13.30	0.7	24	30 x 0.25	173			
2.5	3.7	33	7.980	0.8	32	50 x 0.25	288			
4	4.3	49	4.950	0.8	41	56 x 0.30	460			
6	4.9	69	3.300	0.8	53	84 x 0.30	690			
10	6.3	116	1.410	1.0	72	80 x 0.40	1150			
16	7.4	175	1.210	1.0	97	128 x 0.40	1840			
25	9.1	270	0.780	1.2	128	200 x 0.40	2875			
35	10.5	371	0.554	1.2	156	280 x 0.40	4025			
50	12.4	527	0.386	1.4	195	400 x 0.40	5750			
70	14.1	716	0.272	1.4	243	356 x 0.50	8050			
95	16.3	969	0.206	1.6	285	485 x 0.50	10925			
120	17.9	1208	0.161	1.6	342	614 x 0.50	13800			
150	20.0	1508	0.129	1.8	386	765 x 0.50	17250			
185	22.2	1860	0.106	2.0	441	944 x 0.50	21275			
240	25.1	2403	0.0801	2.2	520	1225 x 0.50	27600			
300	28.0	3003	0.0641	2.4	605	1530 x 0.50	34500			
400	32.0	3971	0.0486	2.6	725	2035 x 0.50	41200			