

TECHNICAL DATA SHEET

PVC FLAT CABLE

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1		Type of Cable		
	1.1	Cross-section	(mm ²)	2x16+16
	1.2	Designation voltage (U _o /U)	(kV)	300/500 V
	1.3	Standard no		IS 201.4:2013
	1.4	International code		N05VVH4-R
2		Conductor		
	2.1	Conductor material		CU
	2.2	Conductor construction		Stranded conductor
	2.3	Nominal cross-sectional area	(mm ²)	16
	2.4	Number and nominal diameter of wires	(mm.)	7x1,74
	2.5	Diameter of conductor	(mm.)	4,85
	2.6	Maximum D.C. resistance at 20 °C	(ohm/km.)	1,15
	2.7	Maximum operating temperature	(°C)	70
	2.8	Short-circuit temperature	(°C)	160
3		Insulation		
	3.1	Material		PVC
	3.2	Nominal thickness	(mm.)	1,00
	3.3	Insulation colour		Blue-Yellow/Green-Brown
4		Outer sheath		
	4.1	Material		PVC
	4.2	Nominal thickness	(mm.)	1,30
	4.3	Outer sheath color		Grey
5		General		
	5.1	Overall diameter of cable	(mm.)	9,45 – 23,15
	5.2	Weight of cable approx.	(kg./km.)	679