

450/750 V 70°C NYY-G

4 CORES - PVC INSULATED AND DOUBLE SHEATHED CABLE, ROUND TYPE WITH GROUND



Construction

- 1. Conductor : Circular stranded annealed copper
- 2. Insulation : Polyvinyl chloride (PVC)
Colour code : Phase - Light Blue, Brown, Black, Grey
 : Ground - Green/Yellow
- 3. Inner sheath : Polyvinyl chloride (PVC), Black colour
- 4. Outer sheath : Polyvinyl chloride (PVC), Black colour

Reference Standard :

TIS 11 Part 101-2553



Classification

- Maximum conductor temperature : 70°C
- Rated voltage : 450/750 V
- AC test voltage : 2,500 V

Application

- Use for general purpose
- laid on cable trays/Cable ladder
- Install in duct in ground or direct burial in ground

Products code	Conductor						Thickness of insulation		Thickness of inner sheath (Approx.)	Thickness of outer sheath (mm)	Overall diameter (Approx.)	Insulation resistance at 70°C (Min.)	Current rating		Cable weight (Approx.)	Standard length				
	Cross-sectional area		No. of wire		Diameter		mm	mm					mm	MΩ.km			on cable ladder	direct burial in ground	kg/km	m/drum
	mm ²		(Min.)		(Approx.)												A	A		
Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground													
C6M0048X2011	25	16	7	7	6.30	5.01	1.3	1.1	1.2	2.0	34.0	0.0054	88	128	1,990	500/D				
C6M0049X2011	35	16	7	7	7.55	5.01	1.3	1.1	1.5	2.2	39.0	0.0047	110	154	2,570	500/D				
C6M0040Y2011	50	25	19	7	8.75	6.30	1.5	1.3	1.5	2.2	43.5	0.0046	133	181	3,390	500/D				
C6M0041Y2011	70	35	19	7	10.50	7.55	1.5	1.3	1.5	2.4	49.0	0.0039	171	223	4,570	500/D				
C6M0042Y2011	95	50	19	19	12.35	8.75	1.7	1.5	1.8	2.6	56.5	0.0038	207	267	6,230	300/D				
C6M0043Y2011	120	70	37	19	13.93	10.50	1.7	1.5	1.8	2.8	61.5	0.0034	240	304	7,700	300/D				
C6M0044Y2011	150	95	37	19	15.47	12.35	1.9	1.7	2.0	3.0	68.0	0.0034	278	342	9,610	300/D				
C6M0045Y2011	185	95	37	19	17.29	12.35	2.1	1.7	2.0	3.2	75.0	0.0034	317	386	11,530	200/D				
C6M0046Y2011	240	120	37	37	19.89	13.93	2.3	1.7	2.2	3.4	84.5	0.0033	374	448	14,840	200/D				
C6M0047Y2011	300	150	61	37	22.23	15.47	2.5	1.9	2.2	3.8	93.5	0.0032	432	507	18,340	150/D				