60227 IEC 01 (THW)





APPLICATION

- Use for general purpose

- For installation in raceway

- Shall be protected water into raceway

- Do not install in duct in ground or direct burial in ground

FEATURES

Classification : Maximum conductor temperature

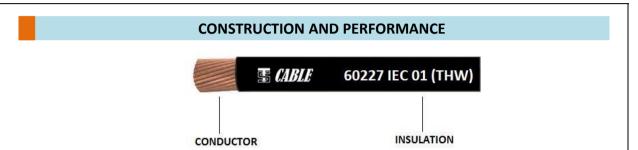
70°C

Rated voltage : 450/750 V Testing voltage : 2,500 V

Conductor : Solid and stranded annealed copper Insulation : Polyvinyl chloride (PVC/C)

Reference Standard : TIS 11 Part 3-2553





Conductor				Thickness	Overal1		Insulation	Current	Cable	Standard
Cross-	Class of	No.of	Diameter	of	diameter		resistance	rating in	weight	length
sectional	conductor	wires		insulation	Lower	Upper	at 70°C	free air		
area			Approx.		1imit	limit	MΩ.km		Approx.	
(mm ²)		(min)	(mm)	(mm)	(mm)	(mm)	(min)	(A)	(kg/km)	(m)
1.5	1	1	1.38	0.7	2.6	3.2	0.0110	21	21	100/C
1.5	2	7	1.53	0.7	2.7	3.3	0.0100	21	22	100/C
2.5	1	1	1.78	0.8	3.2	3.9	0.0100	29	33	100/C
2.5	2	7	1.98	0.8	3.3	4.0	0.0090	29	34	100/C
4	1	1	2.25	0.8	3.6	4.4	0.0085	37	48	100/C
4	2	7	2.49	0.8	3.8	4.6	0.0077	37	50	100/C
6	1	1	2.76	0.8	4.1	5.0	0.0070	48	68	100/C
6	2	7	3.09	0.8	4.3	5.2	0.0065	48	72	100/C
10	1	1	3.57	1.0	5.3	6.4	0.0070	67	110	100/C
10	2	7	3.99	1.0	5.6	6.7	0.0065	67	120	100/C
16	2	7	5.01	1.0	6.4	7.8	0.0050	92	180	100/C

Class of conductor

1 : Solid

2 : Strand

C = Packing in coil

D = Packing in drum