

Model	Conductor		ETFE Insulation	Cores	PVC Sheath	Estimated Weight	Electrical Characteristics※2			Allowable Current: ambient temperature: ≤ 40°C (for open-air installations)
	Size	Construction	Outer Diameter		Outer Diameter		Conductor impedance	Insulation impedance	Withstand※1 Voltage	
	AWG.(mmf)	Strands/mm	(mm)		(mm)		(Ω/m or less)	(≥MΩ·km)	V / 1 min	
SMTS-S008C02 (S)	28 (0.084) (Copper alloy)	43/0.05	0.68	2	2.3 (2.9)	6.0 (10.4)	0.31			2.3
SMTS-S008C03 (S)				3	2.4 (3.0)	7.4 (11.8)				2.0
SMTS-S008C04 (S)				4	2.6 (3.2)	9.0 (13.5)				1.8
SMTS-S008C05 (S)				5	2.8 (3.4)	10.7 (15.2)				1.6
SMTS-S008C06 (S)				6	3.0 (3.6)	12.4 (16.9)				1.5
SMTS-S008C07 (S)				7	3.2 (3.8)	14.1 (19.7)				1.4
SMTS-S008C08 (S)				8	3.4 (4.0)	15.9 (21.5)				1.3
SMTS-S008C09 (S)				9	3.6 (4.2)	17.7 (23.4)				1.2
SMTS-S008C10 (S)				10	3.7 (4.3)	19.1 (24.8)				1.2
SMTS-S008C12 (S)				12	3.8 (4.4)	21.7 (28.4)				1.0
SMTS-S008C15 (S)	26 (0.147) (Copper alloy)	3/25/0.05	0.92	15	4.2 (4.8)	26.5 (33.3)	0.18			1.0
SMTS-S008C20 (S)				20	4.6 (5.2)	33.6 (41.6)				0.9
SMTS-S015C02 (S)				2	2.8 (3.4)	9.0 (13.5)				3.5
SMTS-S015C03 (S)				3	2.9 (3.5)	11.3 (15.8)				3.0
SMTS-S015C04 (S)				4	3.2 (3.8)	14.1 (19.7)				2.7
SMTS-S015C05 (S)				5	3.4 (4.0)	16.7 (22.4)				2.5
SMTS-S015C06 (S)				6	3.7 (4.3)	19.7 (25.4)				2.3
SMTS-S015C07 (S)				7	4.0 (4.6)	22.7 (29.5)				2.1
SMTS-S015C08 (S)				8	4.3 (4.9)	25.8 (32.7)				2.0
SMTS-S015C09 (S)				9	4.6 (5.2)	29.0 (36.9)				1.9
SMTS-S015C10 (S)	24 (0.212) (Copper alloy)	3/36/0.05	1.02	10	4.7 (5.3)	31.3 (39.3)	0.13	2,500	500	1.8
SMTS-S015C12 (S)				12	4.8 (5.6)	35.6 (45.8)				1.6
SMTS-S015C15 (S)				15	5.3 (6.1)	43.7 (54.2)				1.6
SMTS-S015C20 (S)				20	6.1 (6.7)	58.7 (68.7)				1.4
SMTS-S020C02 (S)				2	3.0 (3.6)	11.0 (15.6)				4.4
SMTS-S020C03 (S)				3	3.1 (3.7)	13.9 (19.5)				3.8
SMTS-S020C04 (S)				4	3.4 (4.0)	17.5 (23.2)				3.4
SMTS-S020C05 (S)				5	3.7 (4.3)	21.2 (26.9)				3.1
SMTS-S020C06 (S)				6	4.0 (4.6)	24.9 (31.7)				2.8
SMTS-S020C07 (S)				7	4.3 (4.9)	28.7 (35.5)				2.7
SMTS-S020C08 (S)	22 (0.318) (Copper alloy)	3/54/0.05	1.23	8	4.6 (5.2)	32.5 (40.5)	0.09			2.5
SMTS-S020C09 (S)				9	5.0 (5.8)	36.9 (47.2)				2.4
SMTS-S020C10 (S)				10	5.1 (5.9)	39.9 (50.3)				2.3
SMTS-S020C12 (S)				12	5.2 (6.0)	45.6 (56.0)				1.9
SMTS-S020C15 (S)				15	6.0 (6.6)	58.7 (68.8)				1.9
SMTS-S020C20 (S)				20	6.6 (7.4)	75.2 (88.3)				1.7
SMTS-S030C02 (S)				2	3.4 (4.0)	14.7 (20.4)				5.8
SMTS-S030C03 (S)				3	3.6 (4.2)	19.2 (24.9)				5.0
SMTS-S030C04 (S)				4	3.9 (4.5)	24.1 (30.9)				4.4
SMTS-S030C05 (S)				5	4.3 (4.9)	29.5 (36.3)				4.1
SMTS-S030C06 (S)	20 (0.527) (Annealed Copper)	7/15/0.08	1.46	6	4.6 (5.2)	34.5 (42.5)	0.039		1,500	3.7
SMTS-S030C07 (S)				7	5.0 (5.8)	40.1 (50.4)				3.5
SMTS-S030C08 (S)				8	5.6 (6.2)	48.0 (57.9)				3.3
SMTS-S030C09 (S)				9	6.0 (6.6)	53.9 (63.9)				3.1
SMTS-S030C10 (S)				10	6.1 (6.7)	58.3 (68.3)				3.0
SMTS-S030C12 (S)				12	6.3 (6.9)	67.0 (77.1)				2.6
SMTS-S030C15 (S)				15	7.0 (7.8)	82.6 (97.4)				2.6
SMTS-S030C20 (S)				20	7.9 (8.5)	109.3 (121.4)				2.3
SMTS-A050C02 (S)				2	3.9 (4.5)	21.1 (27.8)				9.5
SMTS-A050C03 (S)				3	4.1 (4.7)	27.9 (34.7)				8.2
SMTS-A050C04 (S)				4	4.5 (5.1)	35.6 (42.5)				7.4
SMTS-A050C05 (S)				5	4.9 (5.7)	43.4 (53.7)				6.7
SMTS-A050C06 (S)				6	5.3 (6.1)	51.3 (61.8)				6.2
SMTS-A050C07 (S)				7	6.0 (6.6)	62.3 (72.3)				5.8
SMTS-A050C08 (S)				8	6.4 (7.0)	70.6 (80.7)				5.4
SMTS-A050C09 (S)				9	6.9 (7.7)	79.7 (94.5)				5.2
SMTS-A050C10 (S)				10	7.3 (7.9)	89.9 (101.9)				5.1
SMTS-A050C12 (S)				12	7.5 (8.1)	103.4 (115.5)				4.3
SMTS-A050C15 (S)				15	8.3 (9.1)	127.4 (144.7)				4.3
SMTS-A050C20 (S)				20	9.4 (10.0)	168.5 (182.6)				3.8