

LAM-101

LEAD WIRE

MICA / ALUMINA FIBER INSULATED - 1200°C



IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, TPC, NPC, SPC)
 Insulation : Mica / Alumina Fiber
 Operating Temp. : 1200°C

FEATURES

- ✓ Max. Temp. Up to 1200°C
- ✓ Excellent temperature resistance
- ✓ Excellent Abrasion Resistance
- ✓ Excellent Heat Resistivity

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
	SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)			
LAM101	26	19/38	19/0.10	0.51	0.149	1.11	1.31	1.41	1.51	1.71	1.81	125	3	4.66
LAM102	24	1/24	1/0.51	0.51	0.204	1.11	1.31	1.41	1.51	1.71	1.81	87	4	5.15
LAM103	24	7/32	7/0.20	0.61	0.219	1.21	1.41	1.51	1.61	1.81	1.91	82	4	5.57
LAM104	24	19/36	19/0.13	0.64	0.252	1.24	1.44	1.54	1.64	1.84	1.94	79	4	5.95
LAM105	22	1/22	1/0.64	0.64	0.321	1.24	1.44	1.54	1.64	1.84	1.94	55	7.3	6.58
LAM106	22	7/30	7/0.25	0.76	0.343	1.36	1.56	1.66	1.76	1.96	2.06	52	7.3	7.12
LAM107	22	19/34	19/0.16	0.81	0.382	1.41	1.61	1.71	1.81	2.01	2.11	49	7.3	7.61
LAM108	20	1/20	1/0.81	0.81	0.515	1.41	1.61	1.71	1.81	2.01	2.11	34	11	8.81
LAM109	20	7/28	7/0.32	0.97	0.562	1.57	1.77	1.87	1.97	2.17	2.27	32	11	9.69
LAM110	20	19/32	19/0.20	1.02	0.596	1.62	1.82	1.92	2.02	2.22	2.32	30	11	10.14
LAM111	18	7/26	7/0.40	1.22	0.879			2.12	2.32	2.42	2.52	20	16	13.25
LAM112	18	19/30	19/0.25	1.27	0.932			2.17	2.37	2.47	2.57	18	16	13.87
LAM113	16	19/29	19/0.29	1.45	1.254			2.35	2.55	2.65	2.85	14	22	17.90
LAM114	15	19/28	19/0.32	1.6	1.528			2.5	2.7	2.8	3	12	26	20.83
LAM115	14	19/27	19/0.36	1.83	1.933			2.73	2.93	3.03	3.23	9	32	25.18
LAM116	13	19/26	19/0.40	2	2.387			2.9	3.1	3.2	3.4	7	35	29.79
LAM117	12	19/25	19/0.45	2.31	3.021			3.21	3.41	3.51	3.71	5	41	36.45
LAM118	12	37/28	37/0.32	2.26	2.975			3.16	3.36	3.46	3.66	6	41	35.88
LAM119	11	19/24	19/0.50	2.5	3.73			3.4	3.6	3.7	3.9	4	45	43.42
LAM120	10	19/22	19/0.65	3.35	6.304			4.25	4.45	4.55	4.75	2	55	69.20

LET-101

LEAD WIRE

ETFE INSULATED - 150°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, NPC, SPC, TPC)
Insulation	: Extruded ETFE Insulated
Voltage Rating	: Up to 1.1 KV
Operating Temp.	: 200°C
Color code	: As per Customer Requirement

FEATURES

- ✓ Max. Temp. Up to 150°C
- ✓ Smooth Surface
- ✓ Strong Bonding Between Insulation & Core Conductor
- ✓ Excellent Mechanical Properties
- ✓ Excellent Low Temperature Characteristics
- ✓ Excellent Resist to Moist, Fluids and Chemicals
- ✓ Good Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Available in Different colors
- ✓ 250 V / 600 V / 1100 V As per Customer Requirement.
- ✓ Metal Covering
- ✓ Fiber Braiding

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
	SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)			
LET101	26	1/26	1/0.40	0.4	0.125	0.65	0.74	0.81	1.02	1.06	1.26	140	3	3.03
LET102	26	7/34	7/0.16	0.48	0.14	0.73	0.82	0.89	1.1	1.14	1.34	132	3	3.34
LET103	26	19/38	19/0.10	0.51	0.149	0.76	0.85	0.92	1.13	1.17	1.37	125	3	3.49
LET104	24	1/24	1/0.51	0.51	0.204	0.76	0.85	0.92	1.13	1.17	1.37	87	4	3.99
LET105	24	7/32	7/0.20	0.61	0.219	0.86	0.95	1.02	1.23	1.27	1.47	82	4	4.35
LET106	24	19/36	19/0.13	0.64	0.252	0.89	0.98	1.05	1.26	1.3	1.5	79	4	4.72
LET107	22	1/22	1/0.64	0.64	0.321	0.89	0.98	1.05	1.26	1.3	1.5	55	7.3	5.34
LET108	22	7/30	7/0.25	0.76	0.343	1.01	1.1	1.17	1.38	1.42	1.62	52	7.3	5.81
LET109	22	19/34	19/0.16	0.81	0.382	1.06	1.15	1.22	1.43	1.47	1.67	49	7.3	6.28
LET110	20	1/20	1/0.81	0.81	0.515	1.06	1.15	1.22	1.43	1.47	1.67	34	11	7.48
LET111	20	7/28	7/0.32	0.97	0.562	1.22	1.31	1.38	1.59	1.63	1.83	32	11	8.27
LET112	20	19/32	19/0.20	1.02	0.596	1.27	1.36	1.43	1.64	1.68	1.88	30	11	8.69
LET113	18	7/26	7/0.40	1.22	0.879			1.63	1.92	1.68	2.08	20	16	11.69
LET114	18	19/30	19/0.25	1.27	0.932			1.68	1.97	1.93	2.13	18	16	12.29
LET115	16	19/29	19/0.29	1.45	1.254			1.86	2.15	2.11	2.45	14	22	16.49
LET116	15	19/28	19/0.32	1.6	1.528			2.01	2.3	2.26	2.6	12	26	19.35
LET117	14	19/27	19/0.36	1.83	1.933			2.24	2.53	2.49	2.83	9	32	23.61
LET118	13	19/26	19/0.40	2	2.387			2.41	2.7	2.66	3	7	35	28.15
LET119	12	19/25	19/0.45	2.31	3.021			2.72	3.01	2.97	3.31	5	41	34.68
LET120	12	37/28	37/0.32	2.26	2.975			2.67	2.96	2.92	3.26	6	41	34.14
LET121	11	19/24	19/0.50	2.5	3.73			2.91	3.2	3.16	3.5	4	45	41.57
LET122	10	19/22	19/0.65	3.35	6.304			3.76	4.05	4.01	4.35	2	55	67.05
LET123	10	37/26	37/0.4	2.82	4.649			3.23	3.52	3.48	3.82	3	50	50.70

LF-101

LEAD WIRE

FIBER GLASS INSULATED - 400°C



IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, TPC, NPC, SPC)
Insulation : Fiber Glass with High Temperature Varnish
Voltage rating : Up to 1.1 KV
Operating Temp. : 400°C

FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Abrasion Resistance
- ✓ Excellent Heat Resistivity
- ✓ Excellent resist to Oil, moist, fluids and chemicals
- ✓ Excellent Di-electric Properties
- ✓ High Temperature & Voltage Rating
- ✓ Excellent Flame Retardant

AVAILABLE OPTIONS

- ✓ 250 V / 600 V / 1100 V As per Customer Requirement
- ✓ Metal Covering

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
		SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)		
LF101	26	19/38	19/0.10	0.51	0.14	0.81	1.01	1.07	1.21	1.37	1.41	125	3	3.38
LF102	24	1/24	1/0.51	0.51	0.20	0.81	1.01	1.07	1.21	1.37	1.41	87	4	3.87
LF103	24	7/32	7/0.20	0.61	0.21	0.91	1.11	1.17	1.31	1.47	1.51	82	4	4.22
LF104	24	19/36	19/0.13	0.64	0.25	0.94	1.14	1.20	1.34	1.50	1.54	79	4	4.58
LF105	22	1/22	1/0.64	0.64	0.32	0.94	1.14	1.20	1.34	1.50	1.54	55	7.3	5.20
LF106	22	7/30	7/0.25	0.76	0.34	1.06	1.26	1.32	1.46	1.62	1.66	52	7.3	5.65
LF107	22	19/34	19/0.16	0.81	0.38	1.11	1.31	1.37	1.51	1.67	1.71	49	7.3	6.11
LF108	20	1/20	1/0.81	0.81	0.51	1.11	1.31	1.37	1.51	1.67	1.71	34	11	7.31
LF109	20	7/28	7/0.32	0.97	0.56	1.27	1.47	1.53	1.67	1.83	1.87	32	11	8.08
LF110	20	19/32	19/0.20	1.02	0.59	1.32	1.52	1.58	1.72	1.88	1.92	30	11	8.48
LF111	18	7/26	7/0.40	1.22	0.87			1.78	2.02	2.08	2.12	20	16	11.45
LF112	18	19/30	19/0.25	1.27	0.93			1.83	2.07	2.13	2.17	18	16	12.03
LF113	16	19/29	19/0.29	1.45	1.25			2.01	2.25	2.31	2.45	14	22	15.88
LF114	15	19/28	19/0.32	1.60	1.52			2.16	2.40	2.46	2.60	12	26	18.70
LF115	14	19/27	19/0.36	1.83	1.93			2.39	2.63	2.69	2.83	9	32	22.88
LF116	13	19/26	19/0.40	2.00	2.38			2.56	2.80	2.86	3.00	7	35	27.37
LF117	12	19/25	19/0.45	2.31	3.02			2.87	3.11	3.17	3.31	5	41	33.81
LF118	12	37/28	37/0.32	2.26	2.97			2.82	3.06	3.12	3.26	6	41	33.27
LF119	11	19/24	19/0.50	2.50	3.73			3.06	3.30	3.36	3.50	4	45	40.64
LF120	10	19/22	19/0.65	3.35	6.30			3.91	4.15	4.21	4.35	2	55	65.80
LF121	10	37/26	37/0.40	2.82	4.64			3.38	3.62	3.68	3.82	3	50	49.66

LFS-101

LEAD WIRE

SILICON/FIBER GLASS INSULATED - 200°C



IS 9968, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, NPC, SPC, TPC)
Insulation	: Extruded Silicon / Fiber Glass with High Temp. Varnish Insulated
Voltage rating	: Up to 1.1 KV
Operating Temp.	: 200°C
Color code	: As per Customer Requirement

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Smooth Surface
- ✓ Excellent Flexibility
- ✓ Excellent resist to Oil, moist, fluids and chemicals
- ✓ Excellent Di-electric Properties
- ✓ High Temperature & Voltage Rating.
- ✓ Good heat resistivity

AVAILABLE OPTIONS

- ✓ Available in Different colors
- ✓ 250 V / 600 V / 1100 V As per Customer Requirement
- ✓ Metal Covering

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
		SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)		
LFS101	26	19/38	19/0.10	0.51	0.149	1.51	1.91	2.01	2.11	2.31	2.71	125	3	9.13
LFS102	24	1/24	1/0.51	0.51	0.204	1.51	1.91	2.01	2.11	2.31	2.71	87	4	9.62
LFS103	24	7/32	7/0.20	0.61	0.219	1.61	2.01	2.11	2.21	2.41	2.81	82	4	10.24
LFS104	24	19/36	19/0.13	0.64	0.252	1.64	2.04	2.14	2.24	2.44	2.84	79	4	10.68
LFS105	22	1/22	1/0.64	0.64	0.321	1.64	2.04	2.14	2.24	2.44	2.84	55	7.3	11.30
LFS106	22	7/30	7/0.25	0.76	0.343	1.76	2.16	2.26	2.36	2.56	2.96	52	7.3	12.08
LFS107	22	19/34	19/0.16	0.81	0.382	1.81	2.21	2.31	2.41	2.61	3.01	49	7.3	12.67
LFS108	20	1/20	1/0.81	0.81	0.515	1.81	2.21	2.31	2.41	2.61	3.01	34	11	13.87
LFS109	20	7/28	7/0.32	0.97	0.562	1.97	2.37	2.47	2.57	2.77	3.17	32	11	15.07
LFS110	20	19/32	19/0.20	1.02	0.596	2.02	2.42	2.52	2.62	2.82	3.22	30	11	15.62
LFS111	18	7/26	7/0.40	1.22	0.879			2.72	2.96	3.02	3.42	20	16	19.13
LFS112	18	19/30	19/0.25	1.27	0.932			2.77	3.01	3.07	3.47	18	16	19.85
LFS113	16	19/29	19/0.29	1.45	1.254			2.95	3.19	3.25	3.85	14	22	25.27
LFS114	15	19/28	19/0.32	1.6	1.528			3.1	3.34	3.4	4	12	26	28.52
LFS115	14	19/27	19/0.36	1.83	1.933			3.33	3.57	3.63	4.23	9	32	33.38
LFS116	13	19/26	19/0.40	2	2.387			3.5	3.74	3.8	4.4	7	35	38.36
LFS117	12	19/25	19/0.45	2.31	3.021			3.81	4.05	4.11	4.71	5	41	45.70
LFS118	12	37/28	37/0.32	2.26	2.975			3.76	4	4.06	4.66	6	41	45.03
LFS119	11	19/24	19/0.50	2.5	3.73			4	4.24	4.3	4.9	4	45	53.09
LFS120	10	19/22	19/0.65	3.35	6.304			4.85	5.09	5.15	5.75	2	55	80.74

LFT-101

LEAD WIRE

PTFE/FIBER GLASS INSULATED - 400°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, TPC, NPC, SPC)
Insulation : PTFE / Fiber Glass with High Temperature Varnish
Voltage rating : Up to 1.1 KV
Operating Temp. : 400°C

FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Abrasion Resistance
- ✓ Excellent Heat Resistivity
- ✓ Excellent resist to Oil, moist, fluids and chemicals
- ✓ Excellent Di-electric Properties
- ✓ High Temperature & Voltage Rating
- ✓ Excellent Flame Retardant

AVAILABLE OPTIONS

- ✓ 250 V / 600 V / 1100 V As per Customer Requirement.
- ✓ Metal Covering

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
		SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)		
LFT101	26	19/38	19/0.10	0.51	0.149	1.21	1.41	1.57	1.71	2.01	2.11	125	3	6.61
LFT102	24	1/24	1/0.51	0.51	0.204	1.21	1.41	1.57	1.71	2.01	2.11	87	4	7.10
LFT103	24	7/32	7/0.20	0.61	0.219	1.31	1.51	1.67	1.81	2.11	2.21	82	4	7.64
LFT104	24	19/36	19/0.13	0.64	0.252	1.34	1.54	1.70	1.84	2.14	2.24	79	4	8.06
LFT105	22	1/22	1/0.64	0.64	0.321	1.34	1.54	1.70	1.84	2.14	2.24	55	7.3	8.68
LFT106	22	7/30	7/0.25	0.76	0.343	1.46	1.66	1.82	1.96	2.26	2.36	52	7.3	9.36
LFT107	22	19/34	19/0.16	0.81	0.382	1.51	1.71	1.87	2.01	2.31	2.41	49	7.3	9.91
LFT108	20	1/20	1/0.81	0.81	0.515	1.51	1.71	1.87	2.01	2.31	2.41	34	11	11.11
LFT109	20	7/28	7/0.32	0.97	0.562	1.67	1.87	2.03	2.17	2.47	2.57	32	11	12.17
LFT110	20	19/32	19/0.20	1.02	0.596	1.72	1.92	2.08	2.22	2.52	2.62	30	11	12.68
LFT111	18	7/26	7/0.40	1.22	0.879			2.28	2.68	2.72	2.82	20	16	16.10
LFT112	18	19/30	19/0.25	1.27	0.932			2.33	2.73	2.77	2.87	18	16	16.71
LFT113	16	19/29	19/0.29	1.45	1.254			2.51	2.91	2.95	3.25	14	22	21.91
LFT114	15	19/28	19/0.32	1.6	1.528			2.66	3.06	3.10	3.40	12	26	25.06
LFT115	14	19/27	19/0.36	1.83	1.933			2.89	3.29	3.33	3.36	9	32	29.74
LFT116	13	19/26	19/0.40	2	2.387			3.06	3.46	3.53	3.80	7	35	34.60
LFT117	12	19/25	19/0.45	2.31	3.021			3.37	3.77	3.81	4.11	5	41	41.70
LFT118	12	37/28	37/0.32	2.26	2.975			3.32	3.72	3.76	4.06	6	41	41.06
LFT119	11	19/24	19/0.50	2.5	3.73			3.56	3.96	4.00	4.30	4	45	48.95
LFT120	10	19/22	19/0.65	3.35	6.304			4.41	4.81	4.85	5.15	2	55	75.95
LFT121	10	37/26	37/0.4	2.82	4.649			3.88	4.28	4.32	4.62	3	50	58.66

LK-101

LEAD WIRE

POLYMIDE INSULATED - 316°C



JSS 51037, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, TPC, NPC, SPC)
 Insulation : Wrapped & Sintered Polyimide tape Insulated
 Voltage rating : Up to 1.1 KV
 Operating Temp. : 316°C

FEATURES

- ✓ Max. Temp. Up to 316°C
- ✓ Excellent Mechanical Properties
- ✓ Max. Temp. Up to 316°C
- ✓ High Temperature withstanding
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ 250 V / 600 V / 1100 V As per Customer Requirement
- ✓ Fiber Braiding

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
	SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)			
LK101	26	1/26	1/0.40	0.4	0.125	0.6	0.7	0.72	0.8	1	1.1	140	3	2.29
LK102	26	7/34	7/0.16	0.48	0.14	0.68	0.78	0.8	0.88	1.08	1.18	132	3	2.55
LK103	26	19/38	19/0.10	0.51	0.149	0.71	0.81	0.83	0.91	1.11	1.21	125	3	2.62
LK104	24	1/24	1/0.51	0.51	0.204	0.71	0.81	0.83	0.91	1.11	1.21	87	4	3.17
LK105	24	7/32	7/0.20	0.61	0.219	0.81	0.91	0.93	1.01	1.21	1.31	82	4	3.46
LK106	24	19/36	19/0.13	0.64	0.252	0.84	0.94	0.96	1.04	1.24	1.34	79	4	3.81
LK107	22	1/22	1/0.64	0.64	0.321	0.84	0.94	0.96	1.04	1.24	1.34	55	7.3	4.43
LK108	22	7/30	7/0.25	0.76	0.343	0.96	1.06	1.08	1.16	1.36	1.46	52	7.3	4.81
LK109	22	19/34	19/0.16	0.81	0.382	1.01	1.11	1.13	1.21	1.41	1.51	49	7.3	5.24
LK110	20	1/20	1/0.81	0.81	0.515	1.01	1.11	1.13	1.21	1.41	1.51	34	11	6.44
LK111	20	7/28	7/0.32	0.97	0.562	1.17	1.27	1.29	1.37	1.57	1.67	32	11	7.11
LK112	20	19/32	19/0.20	1.02	0.596	1.22	1.32	1.34	1.42	1.62	1.72	30	11	7.50
LK113	18	7/26	7/0.40	1.22	0.879			1.54	1.72	1.82	1.92	20	16	10.36
LK114	18	19/30	19/0.25	1.27	0.932			1.59	1.77	1.87	1.97	18	16	10.91
LK115	16	19/29	19/0.29	1.45	1.254			1.77	1.95	2.05	2.25	14	22	14.58
LK116	15	19/28	19/0.32	1.6	1.528			1.92	2.1	2.2	2.4	12	26	17.31
LK117	14	19/27	19/0.36	1.83	1.933			2.15	2.33	2.43	2.63	9	32	21.37
LK118	13	19/26	19/0.40	2	2.387			2.32	2.5	2.6	2.8	7	35	25.76
LK119	12	19/25	19/0.45	2.31	3.021			2.63	2.81	2.91	3.11	5	41	32.02
LK120	12	37/28	37/0.32	2.26	2.975			2.58	2.76	2.86	3.06	6	41	31.51
LK121	11	19/24	19/0.50	2.5	3.73			2.82	3	3.1	3.3	4	45	38.74
LK122	10	19/22	19/0.65	3.35	6.304			3.67	3.85	3.95	4.15	2	55	63.42
LK123	10	37/26	37/0.4	2.82	4.649			3.14	3.32	3.42	3.62	3	50	47.58

LMF-101

LEAD WIRE

MFA INSULATED - 260°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, NPC, SPC, TPC)
Insulation	: Extruded MFA Insulated
Voltage rating	: Up to 1.1 KV
Operating Temp.	: 260°C
Color code	: As per Customer Requirement

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Smooth Surface
- ✓ Excellent Mechanical Properties
- ✓ Highly Flame Retardant
- ✓ Excellent Resist to Oil, Moist, Fluids and Chemicals
- ✓ Excellent Di-electric Properties

AVAILABLE OPTIONS

- ✓ Available in Different colors
- ✓ 250 V / 600 V / 1100 V As per Customer Requirement
- ✓ Metal Covering
- ✓ Fiber Braiding

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
	SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)			
LMF101	26	1/26	1/0.40	0.4	0.125	0.65	0.74	0.81	1.02	1.06	1.26	140	3	3.59
LMF102	26	7/34	7/0.16	0.48	0.14	0.73	0.82	0.89	1.1	1.14	1.34	132	3	3.96
LMF103	26	19/38	19/0.10	0.51	0.149	0.76	0.85	0.92	1.13	1.17	1.37	125	3	4.13
LMF104	24	1/24	1/0.51	0.51	0.204	0.76	0.85	0.92	1.13	1.17	1.37	87	4	4.63
LMF105	24	7/32	7/0.20	0.61	0.219	0.86	0.95	1.02	1.23	1.27	1.47	82	4	5.06
LMF106	24	19/36	19/0.13	0.64	0.252	0.89	0.98	1.05	1.26	1.3	1.5	79	4	5.45
LMF107	22	1/22	1/0.64	0.64	0.321	0.89	0.98	1.05	1.26	1.3	1.5	55	7.3	6.07
LMF108	22	7/30	7/0.25	0.76	0.343	1.01	1.1	1.17	1.38	1.42	1.62	52	7.3	6.62
LMF109	22	19/34	19/0.16	0.81	0.382	1.06	1.15	1.22	1.43	1.47	1.67	49	7.3	7.12
LMF110	20	1/20	1/0.81	0.81	0.515	1.06	1.15	1.22	1.43	1.47	1.67	34	11	8.32
LMF111	20	7/28	7/0.32	0.97	0.562	1.22	1.31	1.38	1.59	1.63	1.83	32	11	9.22
LMF112	20	19/32	19/0.20	1.02	0.596	1.27	1.36	1.43	1.64	1.68	1.88	30	11	9.67
LMF113	18	7/26	7/0.40	1.22	0.879			1.63	1.92	1.68	2.08	20	16	12.81
LMF114	18	19/30	19/0.25	1.27	0.932			1.68	1.97	1.93	2.13	18	16	13.44
LMF115	16	19/29	19/0.29	1.45	1.254			1.86	2.15	2.11	2.45	14	22	18.02
LMF116	15	19/28	19/0.32	1.6	1.528			2.01	2.3	2.26	2.6	12	26	21.01
LMF117	14	19/27	19/0.36	1.83	1.933			2.24	2.53	2.49	2.83	9	32	25.44
LMF118	13	19/26	19/0.40	2	2.387			2.41	2.7	2.66	3	7	35	30.12
LMF119	12	19/25	19/0.45	2.31	3.021			2.72	3.01	2.97	3.31	5	41	36.89
LMF120	12	37/28	37/0.32	2.26	2.975			2.67	2.96	2.92	3.26	6	41	36.31
LMF121	11	19/24	19/0.50	2.5	3.73			2.91	3.2	3.16	3.5	4	45	43.93
LMF122	10	19/22	19/0.65	3.35	6.304			3.76	4.05	4.01	4.35	2	55	70.03
LMF123	10	37/26	37/0.4	2.82	4.649			3.23	3.52	3.48	3.82	3	50	53.31

LP-101

LEAD WIRE

PVC INSULATED - 85°C



IS 694, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, TPC)
 Insulation : PVC / HR PVC / FRLS PVC
 Voltage rating : Up to 1.1 KV
 Operating Temp. : 85°C
 Color code : As per Customer Requirement

FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Smooth Surface
- ✓ Good Flexibility
- ✓ Excellent resist to Oil, moist, fluids and chemicals
- ✓ Excellent Di-electric Properties
- ✓ High Temperature & Voltage Rating
- ✓ Excellent Flame Retardant

AVAILABLE OPTIONS

- ✓ Available in Different colors
- ✓ 250 V / 600 V / 1100 V As per Customer Requirement.
- ✓ Metal Covering

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
		SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)			
LP101	26	1/26	1/0.40	0.4	0.125	1.00	1.40	1.50	1.70	2.10	2.20	140	3	6.63
LP102	26	7/34	7/0.16	0.48	0.14	1.08	1.48	1.58	1.78	2.18	2.28	132	3	7.10
LP103	26	19/38	19/0.10	0.51	0.149	1.11	1.51	1.61	1.81	2.21	2.31	125	3	7.31
LP104	24	1/24	1/0.51	0.51	0.204	1.11	1.51	1.61	1.81	2.21	2.31	87	4	7.81
LP105	24	7/32	7/0.20	0.61	0.219	1.21	1.61	1.71	1.91	2.31	2.41	82	4	8.37
LP106	24	19/36	19/0.13	0.64	0.252	1.24	1.64	1.74	1.94	2.34	2.44	79	4	8.79
LP107	22	1/22	1/0.64	0.64	0.321	1.24	1.64	1.74	1.94	2.34	2.44	55	7.3	9.41
LP108	22	7/30	7/0.25	0.76	0.343	1.36	1.76	1.86	2.06	2.46	2.56	52	7.3	10.12
LP109	22	19/34	19/0.16	0.81	0.382	1.41	1.81	1.91	2.11	2.51	2.61	49	7.3	10.68
LP110	20	1/20	1/0.81	0.81	0.515	1.41	1.81	1.91	2.11	2.51	2.61	34	11	11.88
LP111	20	7/28	7/0.32	0.97	0.562	1.57	1.97	2.07	2.27	2.67	2.77	32	11	12.98
LP112	20	19/32	19/0.20	1.02	0.596	1.62	2.05	2.12	2.32	2.72	2.82	30	11	13.50
LP113	18	7/26	7/0.40	1.22	0.879			2.32	2.82	2.92	3.02	20	16	16.90
LP114	18	19/30	19/0.25	1.27	0.932			2.37	2.87	2.97	3.07	18	16	17.58
LP115	16	19/29	19/0.29	1.45	1.254			2.55	3.05	3.15	3.45	14	22	22.82
LP116	15	19/28	19/0.32	1.6	1.528			2.70	3.20	3.30	3.60	12	26	25.95
LP117	14	19/27	19/0.36	1.83	1.933			2.93	3.43	3.53	3.83	9	32	30.72
LP118	13	19/26	19/0.40	2	2.387			3.10	3.60	3.70	4.00	7	35	35.61
LP119	12	19/25	19/0.45	2.31	3.021			3.41	3.91	4.01	4.31	5	41	42.77
LP120	12	37/28	37/0.32	2.26	2.975			3.36	3.86	3.96	4.26	6	41	42.12
LP121	11	19/24	19/0.50	2.5	3.73			3.60	4.10	4.20	4.50	4	45	50.12
LP122	10	19/22	19/0.65	3.35	6.304			4.45	4.95	5.05	5.35	2	55	77.22
LP123	10	37/26	37/0.4	2.82	4.649			3.92	4.42	4.52	4.82	3	50	59.83

LPF-101

LEAD WIRE

PFA INSULATED - 260°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, NPC, SPC, TPC)
Insulation	: Extruded PFA Insulated
Voltage rating	: Up to 1.1 KV
Operating Temp.	: 260°C
Color code	: As per Customer Requirement

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Smooth Surface
- ✓ Excellent Mechanical Properties
- ✓ Highly Flame Retardant
- ✓ Excellent resist to Oil, Moist, Fluids and Chemicals
- ✓ Excellent Di-Electric Properties

AVAILABLE OPTIONS

- ✓ Available in Different colors
- ✓ 250 V / 600 V / 1100 V As per Customer Requirement
- ✓ Metal Covering
- ✓ Fiber Braiding

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
		SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)		
LPF101	26	1/26	1/0.40	0.4	0.125	0.65	0.74	0.81	1.02	1.06	1.26	140	3	3.59
LPF102	26	7/34	7/0.16	0.48	0.14	0.73	0.82	0.89	1.1	1.14	1.34	132	3	3.96
LPF103	26	19/38	19/0.10	0.51	0.149	0.76	0.85	0.92	1.13	1.17	1.37	125	3	4.13
LPF104	24	1/24	1/0.51	0.51	0.204	0.76	0.85	0.92	1.13	1.17	1.37	87	4	4.63
LPF105	24	7/32	7/0.20	0.61	0.219	0.86	0.95	1.02	1.23	1.27	1.47	82	4	5.06
LPF106	24	19/36	19/0.13	0.64	0.252	0.89	0.98	1.05	1.26	1.3	1.5	79	4	5.45
LPF107	22	1/22	1/0.64	0.64	0.321	0.89	0.98	1.05	1.26	1.3	1.5	55	7.3	6.07
LPF108	22	7/30	7/0.25	0.76	0.343	1.01	1.1	1.17	1.38	1.42	1.62	52	7.3	6.62
LPF109	22	19/34	19/0.16	0.81	0.382	1.06	1.15	1.22	1.43	1.47	1.67	49	7.3	7.12
LPF110	20	1/20	1/0.81	0.81	0.515	1.06	1.15	1.22	1.43	1.47	1.67	34	11	8.32
LPF111	20	7/28	7/0.32	0.97	0.562	1.22	1.31	1.38	1.59	1.63	1.83	32	11	9.22
LPF112	20	19/32	19/0.20	1.02	0.596	1.27	1.36	1.43	1.64	1.68	1.88	30	11	9.67
LPF113	18	7/26	7/0.40	1.22	0.879			1.63	1.92	1.68	2.08	20	16	12.81
LPF114	18	19/30	19/0.25	1.27	0.932			1.68	1.97	1.93	2.13	18	16	13.44
LPF115	16	19/29	19/0.29	1.45	1.254			1.86	2.15	2.11	2.45	14	22	18.02
LPF116	15	19/28	19/0.32	1.6	1.528			2.01	2.3	2.26	2.6	12	26	21.01
LPF117	14	19/27	19/0.36	1.83	1.933			2.24	2.53	2.49	2.83	9	32	25.44
LPF118	13	19/26	19/0.40	2	2.387			2.41	2.7	2.66	3	7	35	30.12
LPF119	12	19/25	19/0.45	2.31	3.021			2.72	3.01	2.97	3.31	5	41	36.89
LPF120	12	37/28	37/0.32	2.26	2.975			2.67	2.96	2.92	3.26	6	41	36.31
LPF121	11	19/24	19/0.50	2.5	3.73			2.91	3.2	3.16	3.5	4	45	43.93
LPF122	10	19/22	19/0.65	3.35	6.304			3.76	4.05	4.01	4.35	2	55	70.03
LPF123	10	37/26	37/0.4	2.82	4.649			3.23	3.52	3.48	3.82	3	50	53.31

LPK-101

LEAD WIRE

PEEK INSULATED - 260°C



IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, TPC, NPC, SPC)
Insulation : Extruded PEEK Insulated
Voltage Rating : Up to 1.1 KV
Operating Temp. : 260°C

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Mechanical Properties
- ✓ Excellent Radiation Resistance
- ✓ Excellent Resist to Oil, Moist, Fluids and Chemicals
- ✓ Excellent Di-electric Properties
- ✓ High Temperature & Voltage Rating
- ✓ Excellent Flame Retardant

AVAILABLE OPTIONS

- ✓ 250 V / 600 V / 1100 V As per Customer Requirement
- ✓ Metal Covering

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
		SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)		
LPK101	26	19/38	19/0.10	0.51	0.149	1.01	1.11	1.15	1.27	1.41	1.51	125	3	3.78
LPK102	24	1/24	1/0.51	0.51	0.204	1.01	1.11	1.15	1.27	1.41	1.51	87	4	4.27
LPK103	24	7/32	7/0.20	0.61	0.219	1.11	1.21	1.25	1.37	1.51	1.61	82	4	4.65
LPK104	24	19/36	19/0.13	0.64	0.252	1.14	1.24	1.28	1.40	1.54	1.64	79	4	5.02
LPK105	22	1/22	1/0.64	0.64	0.321	1.14	1.24	1.28	1.40	1.54	1.64	55	7.3	5.64
LPK106	22	7/30	7/0.25	0.76	0.343	1.26	1.36	1.40	1.52	1.66	1.76	52	7.3	6.13
LPK107	22	19/34	19/0.16	0.81	0.382	1.31	1.41	1.45	1.57	1.71	1.81	49	7.3	6.60
LPK118	20	1/20	1/0.81	0.81	0.515	1.31	1.41	1.45	1.57	1.71	1.81	34	11	7.80
LPK109	20	7/28	7/0.32	0.97	0.562	1.47	1.57	1.61	1.73	1.87	1.97	32	11	8.62
LPK110	20	19/32	19/0.20	1.02	0.596	1.52	1.62	1.66	1.78	1.92	2.02	30	11	9.08
LPK111	18	7/26	7/0.40	1.22	0.879			1.86	2.08	2.12	2.22	20	16	12.06
LPK112	18	19/30	19/0.25	1.27	0.932			1.91	2.13	2.17	2.27	18	16	12.66
LPK113	16	19/29	19/0.29	1.45	1.254			2.09	2.31	2.35	2.55	14	22	16.60
LPK114	15	19/28	19/0.32	1.6	1.528			2.24	2.46	2.50	2.70	12	26	19.47
LPK115	14	19/27	19/0.36	1.83	1.933			2.47	2.69	2.73	2.93	9	32	23.72
LPK116	13	19/26	19/0.40	2	2.387			2.64	2.86	2.90	3.10	7	35	28.26
LPK117	12	19/25	19/0.45	2.31	3.021			2.95	3.17	3.21	3.41	5	41	34.80
LPK118	12	37/28	37/0.32	2.26	2.975			2.90	3.12	3.16	3.36	6	41	34.24
LPK119	11	19/24	19/0.50	2.5	3.73			3.14	3.36	3.40	3.60	4	45	41.68
LPK120	10	19/22	19/0.65	3.35	6.304			3.99	4.21	4.25	4.45	2	55	67.10
LPK121	10	37/26	37/0.4	2.82	4.649			3.46	3.68	3.72	3.92	3	50	50.80

LS-101

LEAD WIRE

SILICON INSULATED - 200°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, NPC, SPC, TPC)
Insulation	: Extruded Silicon Insulated
Voltage rating	: Up to 1.1 KV
Operating Temp.	: 200°C
Color code	: As per Customer Requirement

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Smooth Surface
- ✓ Excellent Flexibility
- ✓ Excellent resist to Oil, moist, fluids and chemicals
- ✓ Excellent Di-electric Properties
- ✓ High Temperature & Voltage Rating

AVAILABLE OPTIONS

- ✓ Available in Different colors
- ✓ 250 V / 600 V / 1100 V As per Customer Requirement
- ✓ Metal Covering
- ✓ Fiber Braiding

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
	SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)			
LS101	26	1/26	1/0.40	0.4	0.125	1.20	1.60	1.64	1.76	1.90	2.20	140	3	6.45
LS102	26	7/34	7/0.16	0.48	0.14	1.28	1.68	1.72	1.84	1.98	2.28	132	3	6.91
LS103	26	19/38	19/0.10	0.51	0.149	1.31	1.71	1.75	1.87	2.04	2.31	125	3	7.11
LS104	24	1/24	1/0.51	0.51	0.204	1.31	1.71	1.75	1.87	2.04	2.31	87	4	7.61
LS105	24	7/32	7/0.20	0.61	0.219	1.41	1.81	1.85	1.97	2.11	2.41	82	4	8.15
LS106	24	19/36	19/0.13	0.64	0.252	1.44	1.84	1.88	2.02	2.14	2.44	79	4	8.57
LS107	22	1/22	1/0.64	0.64	0.321	1.44	1.84	1.88	2.02	2.14	2.44	55	7.3	9.19
LS108	22	7/30	7/0.25	0.76	0.343	1.56	1.96	2.00	2.12	2.26	2.56	52	7.3	9.89
LS109	22	19/34	19/0.16	0.81	0.382	1.61	2.02	2.05	2.17	2.31	2.61	49	7.3	10.45
LS110	20	1/20	1/0.81	0.81	0.515	1.61	2.02	2.05	2.17	2.31	2.61	34	11	11.66
LS111	20	7/28	7/0.32	0.97	0.562	1.77	2.17	2.21	2.33	2.47	2.77	32	11	12.72
LS112	20	19/32	19/0.20	1.02	0.596	1.82	2.22	2.26	2.38	2.52	2.88	30	11	13.23
LS113	18	7/26	7/0.40	1.22	0.879			2.46	2.66	2.72	3.02	20	16	16.62
LS114	18	19/30	19/0.25	1.27	0.932			2.51	2.71	2.77	3.07	18	16	17.28
LS115	16	19/29	19/0.29	1.45	1.254			2.69	2.89	2.95	3.45	14	22	22.44
LS116	15	19/28	19/0.32	1.6	1.528			2.84	3.05	3.10	3.60	12	26	25.58
LS117	14	19/27	19/0.36	1.83	1.933			3.08	3.27	3.33	3.83	9	32	30.28
LS118	13	19/26	19/0.40	2	2.387			3.24	3.44	3.50	4.00	7	35	35.14
LS119	12	19/25	19/0.45	2.31	3.021			3.55	3.75	3.81	4.31	5	41	42.25
LS120	12	37/28	37/0.32	2.26	2.975			3.50	3.70	3.76	4.26	6	41	41.61
LS121	11	19/24	19/0.50	2.5	3.73			3.74	3.94	4.00	4.50	4	45	49.52
LS122	10	19/22	19/0.65	3.35	6.304			4.59	4.79	4.85	5.35	2	55	76.54
LS123	10	37/26	37/0.4	2.82	4.649			4.06	7.26	4.32	4.82	3	50	59.23

LT-101

LEAD WIRE

PTFE INSULATED - 260°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, NPC, SPC)
Insulation	: PTFE Insulated
Voltage Rating	: Up to 1.1 KV
Operating Temp.	: 260°C
Color Code	: As per Customer Requirement

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Good Chemical Resistant
- ✓ Low Dielectric Constant
- ✓ Very Low dissipation factor
- ✓ High Temperature Resistant
- ✓ Good Abrasion Resistance
- ✓ Non-Flammability
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Available in Different colors
- ✓ 250 V / 600 V / 1100 V As per Customer Requirement
- ✓ Metal Covering
- ✓ Fiber Braiding

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max weightg m/mtr
						OD of insulation		OD of insulation		OD of insulation				
						SWG	AWG	(mm)	(mm)	mm²	Min (mm)			
LT101	32	7/40	7/0.08	0.25	0.035	0.5	0.59	0.66	0.87	0.91	1.11	567	0.7	2.33
LT102	30	1/30	1/0.25	0.25	0.049	0.5	0.59	0.66	0.87	0.91	1.11	354	1	2.46
LT103	30	7/38	7/0.10	0.31	0.055	0.56	0.65	0.72	0.93	0.97	1.17	330	1	2.69
LT104	28	1/28	7/0.32	0.32	0.08	0.57	0.66	0.73	0.94	0.98	1.18	223	2.1	2.95
LT105	28	7/36	7/0.13	0.38	0.093	0.63	0.72	0.79	1	1.04	1.24	209	2.1	3.24
LT106	26	1/26	1/0.40	0.4	0.125	0.65	0.74	0.81	1.02	1.06	1.26	140	3	3.59
LT107	26	7/34	7/0.16	0.48	0.14	0.73	0.82	0.89	1.1	1.14	1.34	132	3	3.96
LT108	26	19/38	19/0.10	0.51	0.149	0.76	0.85	0.92	1.13	1.17	1.37	125	3	4.13
LT109	24	1/24	1/0.51	0.51	0.204	0.76	0.85	0.92	1.13	1.17	1.37	87	4	4.63
LT110	24	7/32	7/0.20	0.61	0.219	0.86	0.95	1.02	1.23	1.27	1.47	82	4	5.06
LT111	24	19/36	19/0.13	0.64	0.252	0.89	0.98	1.05	1.26	1.3	1.5	79	4	5.45
LT112	22	1/22	1/0.64	0.64	0.321	0.89	0.98	1.05	1.26	1.3	1.5	55	7.3	6.07
LT113	22	7/30	7/0.25	0.76	0.343	1.01	1.1	1.17	1.38	1.42	1.62	52	7.3	6.62
LT114	22	19/34	19/0.16	0.81	0.382	1.06	1.15	1.22	1.43	1.47	1.67	49	7.3	7.12
LT115	20	1/20	1/0.81	0.81	0.515	1.06	1.15	1.22	1.43	1.47	1.67	34	11	8.32
LT116	20	7/28	7/0.32	0.97	0.562	1.22	1.31	1.38	1.59	1.63	1.83	32	11	9.22
LT117	20	19/32	19/0.20	1.02	0.596	1.27	1.36	1.43	1.64	1.68	1.88	30	11	9.67
LT118	18	7/26	7/0.40	1.22	0.879			1.63	1.92	1.88	2.08	20	16	12.81
LT119	18	19/30	19/0.25	1.27	0.932			1.68	1.97	1.93	2.13	18	16	13.44
LT120	16	19/29	19/0.29	1.45	1.254			1.86	2.15	2.11	2.45	14	22	18.02
LT121	15	19/28	19/0.32	1.6	1.528			2.01	2.3	2.26	2.6	12	26	21.01
LT122	14	19/27	19/0.36	1.83	1.933			2.24	2.53	2.49	2.83	9	32	25.44
LT123	13	19/26	19/0.40	2	2.387			2.41	2.7	2.66	3	7	35	30.12
LT124	12	19/25	19/0.45	2.31	3.021			2.72	3.01	2.97	3.31	5	41	36.89
LT125	12	37/28	37/0.32	2.26	2.975			2.67	2.96	2.92	3.26	6	41	36.31
LT126	11	19/24	19/0.50	2.5	3.73			2.91	3.2	3.16	3.5	4	45	43.93
LT127	10	19/22	19/0.65	3.35	6.304			3.76	4.05	4.01	4.35	2	55	70.03
LT128	10	37/26	37/0.4	2.82	4.649			3.23	3.52	3.48	3.82	3	50	53.31
LT129	8	133/29	133/0.29	4.29	8.784					4.95	5.29	2	75	95.60
LT130	6	133/27	133/0.36	5.8	13.537					6.46	6.8	1	100	143.59

LTF-101

LEAD WIRE

FEP INSULATED - 200°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, NPC, SPC, TPC)
Insulation : Extruded FEP Insulated
Voltage Rating : Up to 1.1 KV
Operating Temp. : 200°C
Color Code : As per Customer Requirement

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Uniform Diameter
- ✓ Smooth Surface
- ✓ Strong Bonding Between Insulation & Core Conductor
- ✓ Low Dielectric Constant
- ✓ Easy Stripping
- ✓ Can be Produce in Continuous Length

AVAILABLE OPTIONS

- ✓ Available in Different colors
- ✓ 250 V / 600 V / 1100 V as per Customer Requirement
- ✓ Metal Covering
- ✓ Fiber Braiding

CONSTRUCTION DETAILS AND DIMENSIONS

S.No.	Size	Number of Strands/Dia of each Strand		Dia of Conductor	Cross Sectional Area	ET 250 V		E 600 V		EE 1000 V		Max Res. OHMS /KM at 20°C	Current Rating (amps)	Max Weight gm/mtr
						OD of insulation		OD of insulation		OD of insulation				
	SWG	AWG	(mm)	(mm)	mm²	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)	Min (mm)	Max. (mm)			
LTF101	26	1/26	1/0.40	0.4	0.125	0.65	0.74	0.81	1.02	1.06	1.26	140	3	3.59
LTF102	26	7/34	7/0.16	0.48	0.14	0.73	0.82	0.89	1.1	1.14	1.34	132	3	3.96
LTF103	26	19/38	19/0.10	0.51	0.149	0.76	0.85	0.92	1.13	1.17	1.37	125	3	4.13
LTF104	24	1/24	1/0.51	0.51	0.204	0.76	0.85	0.92	1.13	1.17	1.37	87	4	4.63
LTF105	24	7/32	7/0.20	0.61	0.219	0.86	0.95	1.02	1.23	1.27	1.47	82	4	5.06
LTF106	24	19/36	19/0.13	0.64	0.252	0.89	0.98	1.05	1.26	1.3	1.5	79	4	5.45
LTF107	22	1/22	1/0.64	0.64	0.321	0.89	0.98	1.05	1.26	1.3	1.5	55	7.3	6.07
LTF108	22	7/30	7/0.25	0.76	0.343	1.01	1.1	1.17	1.38	1.42	1.62	52	7.3	6.62
LTF109	22	19/34	19/0.16	0.81	0.382	1.06	1.15	1.22	1.43	1.47	1.67	49	7.3	7.12
LTF110	20	1/20	1/0.81	0.81	0.515	1.06	1.15	1.22	1.43	1.47	1.67	34	11	8.32
LTF111	20	7/28	7/0.32	0.97	0.562	1.22	1.31	1.38	1.59	1.63	1.83	32	11	9.22
LTF112	20	19/32	19/0.20	1.02	0.596	1.27	1.36	1.43	1.64	1.68	1.88	30	11	9.67
LTF113	18	7/26	7/0.40	1.22	0.879			1.63	1.92	1.68	2.08	20	16	12.81
LTF114	18	19/30	19/0.25	1.27	0.932			1.68	1.97	1.93	2.13	18	16	13.44
LTF115	16	19/29	19/0.29	1.45	1.254			1.86	2.15	2.11	2.45	14	22	18.02
LTF116	15	19/28	19/0.32	1.6	1.528			2.01	2.3	2.26	2.6	12	26	21.01
LTF117	14	19/27	19/0.36	1.83	1.933			2.24	2.53	2.49	2.83	9	32	25.44
LTF118	13	19/26	19/0.40	2	2.387			2.41	2.7	2.66	3	7	35	30.12
LTF119	12	19/25	19/0.45	2.31	3.021			2.72	3.01	2.97	3.31	5	41	36.89
LTF120	12	37/28	37/0.32	2.26	2.975			2.67	2.96	2.92	3.26	6	41	36.31
LTF121	11	19/24	19/0.50	2.5	3.73			2.91	3.2	3.16	3.5	4	45	43.93
LTF122	10	19/22	19/0.65	3.35	6.304			3.76	4.05	4.01	4.35	2	55	70.03
LTF123	10	37/26	37/0.4	2.82	4.649			3.23	3.52	3.48	3.82	3	50	53.31