

# HF-101

## HEAT RESISTANCE CABLE

POLYIMIDE - FIBER GLASS - FIBER GLASS - SS BRAIDING 400 °C



JSS 51037, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper  
 Core Insulation : Polyimide Tape / Double Fiber Glass Insulation with High Temp Varnish  
 Construction : Twisted  
 Outer Sheath : Fiber Glass Insulation with High Temp. Varnish  
 Overall Braiding : Stainless Steel Wire  
 Operating Temp. : 400°C

### FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Abrasion Resistance
- ✓ Excellent Flame Retardant
- ✓ Good Thermal Stability
- ✓ Good Chemical Resistivity

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Asbestos Braiding

## CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HF101	7	0.200	0.22	0.59	Twisted	5.1	48
HF102	7	0.254	0.35	0.76	Twisted	5.4	54
HF103	1	0.810	0.5	0.81	Twisted	5.5	66
HF104	7	0.300	0.5	0.89	Twisted	5.7	67
HF105	24	0.200	0.75	1.1	Twisted	6.2	76
HF106	14	0.300	1	1.26	Twisted	6.5	88
HF107	3	0.711	1.2	1.39	Twisted	7	95
HF108	40	0.200	1.25	1.42	Twisted	7	104
HF109	1	1.290	1.3	1.29	Twisted	6.6	106
HF110	19	0.300	1.3	1.52	Twisted	7.1	108
HF111	21	0.300	1.5	1.55	Twisted	7.34	117
HF112	35	0.300	2.5	2	Twisted	8.51	152
HF113	56	0.300	4	2.56	Twisted	9.7	166
HF114	84	0.300	6	3.11	Twisted	11	251
HF115	140	0.300	10	4.1	Twisted	13.5	390
HF116	128	0.400	16	5.11	Twisted	16.4	554
HF117	198	0.400	25	6.4	Twisted	18.8	835
HF118	278	0.400	35	7.6	Twisted	21.5	1200

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HFXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 118	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
 RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HF-201

## HEAT RESISTANCE CABLE

**POLYIMIDE - FIBER GLASS - FIBER GLASS BRAIDING 400°C**



JSS 51037, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper  
 Core Insulation : Polyimide Tape / Double Fiber Glass Insulation with High Temp Varnish  
 Construction : Twisted  
 Outer Sheath : Fiber Glass Insulation with High Temp. Varnish  
 Operating Temp. : 400°C

### FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Abrasion Resistance
- ✓ Excellent Flame Retardant
- ✓ Good Thermal Stability
- ✓ Good Chemical Resistivity

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Asbestos Braiding
- ✓ Metal Covering

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HF201	7	0.200	0.22	0.59	Twisted	4.5	40
HF202	7	0.254	0.35	0.76	Twisted	4.8	44
HF203	1	0.810	0.5	0.81	Twisted	4.9	46
HF204	7	0.300	0.5	0.89	Twisted	5.1	53
HF205	24	0.200	0.75	1.1	Twisted	5.6	62
HF206	14	0.300	1	1.26	Twisted	5.9	74
HF207	3	0.711	1.2	1.39	Twisted	6.4	80
HF208	40	0.200	1.25	1.42	Twisted	6.4	82
HF209	1	1.290	1.3	1.29	Twisted	6	86
HF210	19	0.300	1.3	1.52	Twisted	6.6	88
HF211	21	0.300	1.5	1.55	Twisted	6.8	97
HF212	35	0.300	2.5	2	Twisted	7.8	125
HF213	56	0.300	4	2.56	Twisted	9	136
HF214	84	0.300	6	3.11	Twisted	10.2	210
HF215	140	0.300	10	4.1	Twisted	12.3	345
HF216	128	0.400	16	5.11	Twisted	15.6	494
HF217	198	0.400	25	6.4	Twisted	17.8	755
HF218	278	0.400	35	7.6	Twisted	20	1100

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HFXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 218	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
 RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HF-301

## HEAT RESISTANCE CABLE

POLYIMIDE - FIBER GLASS - FIBER GLASS - ASBESTOS BRAIDING 400°C



JSS 51037, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper
Core Insulation	: Polyimide Tape / Double Fiber Glass Insulation with High Temp Varnish
Construction	: Twisted
Outer Sheath	: Fiber Glass Insulation with High Temp. Varnish
Overall Braiding	: Asbestos Braiding
Operating Temp. :	400°C

### FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Abrasion Resistance
- ✓ Excellent Flame Retardant
- ✓ Good Thermal Stability
- ✓ Excellent Chemical Resistivity

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Metal Covering

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HF301	7	0.200	0.22	0.59	Twisted	5.3	46
HF302	7	0.254	0.35	0.76	Twisted	5.6	52
HF303	1	0.810	0.5	0.81	Twisted	5.7	64
HF304	7	0.300	0.5	0.89	Twisted	5.9	65
HF305	24	0.200	0.75	1.1	Twisted	6.4	71
HF306	14	0.300	1	1.26	Twisted	6.7	82
HF307	3	0.711	1.2	1.39	Twisted	7.2	90
HF308	40	0.200	1.25	1.42	Twisted	7.3	99
HF309	1	1.290	1.3	1.29	Twisted	6.9	101
HF310	19	0.300	1.3	1.52	Twisted	7.4	102
HF311	21	0.300	1.5	1.55	Twisted	7.6	108
HF312	35	0.300	2.5	2	Twisted	8.9	145
HF313	56	0.300	4	2.56	Twisted	10.1	156
HF314	84	0.300	6	3.11	Twisted	11.4	238
HF315	140	0.300	10	4.1	Twisted	13.9	370
HF316	128	0.400	16	5.11	Twisted	16	525
HF317	198	0.400	25	6.4	Twisted	18.4	790
HF318	278	0.400	35	7.6	Twisted	21	1050

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HFXXX)	(XXX)	(XX)	(XXX)	(X)
301 to 318	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HF-401

## HEAT RESISTANCE CABLE

POLYIMIDE - FIBER GLASS - ALMYLAR - FIBER GLASS 400 °C



JSS 51037, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

- Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper
- Core Insulation : Polyimide Tape / Double Fiber Glass Insulation with High Temp Varnish
- Construction : Twisted
- Screening : Almylar Screen With ATC Drain Wire
- Outer Sheath : Fiber Glass Insulation with High Temp. Varnish
- Operating Temp. : 400°C

### FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Abrasion Resistance
- ✓ Excellent Flame Retardant
- ✓ Good Thermal Stability
- ✓ Good Chemical Resistivity

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Metal Shielding
- ✓ Metal Covering
- ✓ Asbestos Braiding

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HF401	7	0.200	0.22	0.59	Twisted	4.9	46
HF402	7	0.254	0.35	0.76	Twisted	5.2	50
HF403	1	0.810	0.5	0.81	Twisted	5.3	52
HF404	7	0.300	0.5	0.89	Twisted	5.5	60
HF405	24	0.200	0.75	1.1	Twisted	6	69
HF406	14	0.300	1	1.26	Twisted	6.3	82
HF407	3	0.711	1.2	1.39	Twisted	6.8	88
HF408	40	0.200	1.25	1.42	Twisted	6.8	88
HF409	1	1.290	1.3	1.29	Twisted	6.4	95
HF410	19	0.300	1.3	1.52	Twisted	7	96
HF411	21	0.300	1.5	1.55	Twisted	7.2	104
HF412	35	0.300	2.5	2	Twisted	8.2	135
HF413	56	0.300	4	2.56	Twisted	9.4	146
HF414	84	0.300	6	3.11	Twisted	10.6	220
HF415	140	0.300	10	4.1	Twisted	12.7	356
HF416	128	0.400	16	5.11	Twisted	16	505
HF417	198	0.400	25	6.4	Twisted	18.2	768
HF418	278	0.400	35	7.6	Twisted	20.4	1111

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HFXXX)	(XXX)	(XX)	(XXX)	(X)
401 to 418	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

## HS-101

### HEAT RESISTANCE CABLE SILICON - SILICON INSULATED 200°C



IS 9968, IS 8130

Voltage Grade : 600/1100V

#### SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper
Core Insulation	: Silicon Insulation
Construction	: Twisted
Outer Sheath	: Silicon Insulation
Operating Temp. :	200°C

#### FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Dielectric Property
- ✓ Outstanding Insulating Properties
- ✓ Excellent Flexibility

#### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Metal Covering

#### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HS101	7	0.200	0.22	0.59	Twisted	5.5	46
HS102	7	0.254	0.35	0.76	Twisted	5.8	50
HS103	1	0.810	0.5	0.81	Twisted	5.9	52
HS104	7	0.300	0.5	0.89	Twisted	6	53
HS105	24	0.200	0.75	1.1	Twisted	7	72
HS106	14	0.300	1	1.26	Twisted	7.7	92
HS107	3	0.711	1.2	1.39	Twisted	8	100
HS108	40	0.200	1.25	1.42	Twisted	8.1	105
HS109	1	1.290	1.3	1.29	Twisted	8.3	107
HS110	19	0.300	1.3	1.52	Twisted	8.7	109
HS111	21	0.300	1.5	1.55	Twisted	8.8	117
HS112	35	0.300	2.5	2	Twisted	10.5	165
HS113	56	0.300	4	2.56	Twisted	11.8	185
HS114	84	0.300	6	3.11	Twisted	13	333
HS115	140	0.300	10	4.1	Twisted	15.3	425
HS116	128	0.400	16	5.11	Twisted	17.7	700
HS117	198	0.400	25	6.4	Twisted	23	1015
HS118	278	0.400	35	7.6	Twisted	27	1600

#### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HSXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 118	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HS-201

## HEAT RESISTANCE CABLE

**SILICON - FIBER GLASS - SS BRAIDING  
INSULATED 200°C**



IS 9968, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper  
 Core Insulation : Silicon Insulation  
 Construction : Twisted  
 Inner Sheath : Fiber Glass Insulation  
 Outer Sheath : Silicon Insulation  
 Operating Temp. : 200°C

### FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Excellent Heat Resistant
- ✓ Good Flame Retardant property
- ✓ Excellent Dielectric Property
- ✓ Excellent Flexibility

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Metal Covering

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HS201	7	0.200	0.22	0.59	Twisted	5	28
HS202	7	0.254	0.35	0.76	Twisted	5.4	34
HS203	1	0.810	0.5	0.81	Twisted	5.5	44
HS204	7	0.300	0.5	0.89	Twisted	5.7	45
HS205	24	0.200	0.75	1.1	Twisted	6.3	57
HS206	14	0.300	1	1.26	Twisted	6.5	70
HS207	3	0.711	1.2	1.39	Twisted	7.6	81
HS208	40	0.200	1.25	1.42	Twisted	7.5	87
HS209	1	1.290	1.3	1.29	Twisted	7.6	90
HS210	19	0.300	1.3	1.52	Twisted	8.1	92
HS211	21	0.300	1.5	1.55	Twisted	8.2	107
HS212	35	0.300	2.5	2	Twisted	10	140
HS213	56	0.300	4	2.56	Twisted	11.2	200
HS214	84	0.300	6	3.11	Twisted	11.7	300
HS215	140	0.300	10	4.1	Twisted	13.8	420
HS216	128	0.400	16	5.11	Twisted	16.9	635
HS217	198	0.400	25	6.4	Twisted	19.7	911
HS218	278	0.400	35	7.6	Twisted	22.1	1300

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HSXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 218	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
 RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HT-101

## HEAT RESISTANCE CABLE

PTFE - POLYIMIDE - PTFE - MICA - FG - SS  
BRAIDING 600°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: Polyimide Tape
Inner Sheath	: PTFE Insulation
Outer Sheath	: Mica Tape / Fiber Glass Insulation
Overall Braiding	: Stainless Steel Wire
Operating Temp.:	: 600°C

### FEATURES

- ✓ Max. Temp. Up to 600°C
- ✓ Excellent Heat Resistant
- ✓ High Temperature Resist
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Passes JSS 51034 Flame Test

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HT101	7	0.200	0.22	0.59	Twisted	4.9	36
HT102	7	0.254	0.35	0.76	Twisted	5.3	45
HT103	1	0.810	0.5	0.81	Twisted	5.4	61
HT104	7	0.300	0.5	0.89	Twisted	5.5	62
HT105	24	0.200	0.75	1.1	Twisted	6	68
HT106	14	0.300	1	1.26	Twisted	6.3	80
HT107	3	0.711	1.2	1.39	Twisted	6.9	86
HT108	40	0.200	1.25	1.42	Twisted	7	95
HT109	1	1.290	1.3	1.29	Twisted	6.5	99
HT110	19	0.300	1.3	1.52	Twisted	7.1	105
HT111	21	0.300	1.5	1.55	Twisted	7.2	120
HT112	35	0.300	2.5	2	Twisted	8	160
HT113	56	0.300	4	2.56	Twisted	9.4	245
HT114	84	0.300	6	3.11	Twisted	10.7	325
HT115	140	0.300	10	4.1	Twisted	13.5	470
HT116	128	0.400	16	5.11	Twisted	16.5	650
HT117	198	0.400	25	6.4	Twisted	19.7	925
HT118	278	0.400	35	7.6	Twisted	22.5	1350

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HTXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 118	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HT-201

## HEAT RESISTANCE CABLE

PTFE - FIBER GLASS - FIBER GLASS  
INSULATED 400°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper
Core Insulation	: PTFE Insulation / Fiber Glass Insulation with High Temperature Varnish
Construction	: Twisted
Outer Sheath	: Fiber Glass Insulation with High Temperature Varnish
Operating Temp. :	400°C

### FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Heat Resistant
- ✓ High Temperature Resist
- ✓ Outstanding Insulating Properties.
- ✓ Good Chemical Resistance
- ✓ Good Abrasion Resistance
- ✓ Passes JSS 51034 Flame Test

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Metal Covering
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HT201	7	0.200	0.22	0.59	Twisted	4.5	25
HT202	7	0.254	0.35	0.76	Twisted	4.8	30
HT203	1	0.810	0.5	0.81	Twisted	4.9	40
HT204	7	0.300	0.5	0.89	Twisted	5.1	41
HT205	24	0.200	0.75	1.1	Twisted	5.6	53
HT206	14	0.300	1	1.26	Twisted	6	58
HT207	3	0.711	1.2	1.39	Twisted	6.4	66
HT208	40	0.200	1.25	1.42	Twisted	6.4	75
HT209	1	1.290	1.3	1.29	Twisted	6.2	86
HT210	19	0.300	1.3	1.52	Twisted	6.6	86
HT211	21	0.300	1.5	1.55	Twisted	6.9	88
HT212	35	0.300	2.5	2	Twisted	8.1	147
HT213	56	0.300	4	2.56	Twisted	9.4	199
HT214	84	0.300	6	3.11	Twisted	10.4	250
HT215	140	0.300	10	4.1	Twisted	13.5	330
HT216	128	0.400	16	5.11	Twisted	15.7	600
HT217	198	0.400	25	6.4	Twisted	19	860
HT218	278	0.400	35	7.6	Twisted	21.9	1165

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HTXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 218	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)



# HT-301

## HEAT RESISTANCE CABLE

PTFE - FIBER GLASS - FIBER GLASS - SS BRAIDING 400°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper
Core Insulation	: PTFE Insulation / Fiber Glass Insulation with High Temperature Varnish
Construction	: Twisted
Outer Sheath	: Fiber Glass Insulation with High Temperature Varnish
Overall Braiding	: Stainless Steel Wire
Operating Temp.	: 400°C

### FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Heat Resistant
- ✓ High Temperature Resist
- ✓ Outstanding Insulating Properties
- ✓ Excellent Mechanical Properties
- ✓ Good Chemical Resistance
- ✓ Good Abrasion Resistance
- ✓ Passes JSS 51034 Flame Test

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HT301	7	0.200	0.22	0.59	Twisted	5	31
HT302	7	0.254	0.35	0.76	Twisted	5.3	38
HT303	1	0.810	0.5	0.81	Twisted	5.5	48
HT304	7	0.300	0.5	0.89	Twisted	5.6	52
HT305	24	0.200	0.75	1.1	Twisted	6.4	57
HT306	14	0.300	1	1.26	Twisted	6.6	74
HT307	3	0.711	1.2	1.39	Twisted	7	82
HT308	40	0.200	1.25	1.42	Twisted	7	95
HT309	1	1.290	1.3	1.29	Twisted	6.8	108
HT310	19	0.300	1.3	1.52	Twisted	7.2	110
HT311	21	0.300	1.5	1.55	Twisted	7.5	118
HT312	35	0.300	2.5	2	Twisted	8.6	175
HT313	56	0.300	4	2.56	Twisted	10.1	245
HT314	84	0.300	6	3.11	Twisted	11.1	300
HT315	140	0.300	10	4.1	Twisted	14.2	400
HT316	128	0.400	16	5.11	Twisted	16.5	980
HT317	198	0.400	25	6.4	Twisted	19.8	960
HT318	278	0.400	35	7.6	Twisted	22.7	1285

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HTXXX)	(XXX)	(XX)	(XXX)	(X)
301 to 318	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HT-401

## HEAT RESISTANCE CABLE PTFE - PTFE - SS BRAIDING 260°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper  
 Core Insulation : PTFE Insulation  
 Construction : Twisted  
 Inner Sheath : PTFE Insulation  
 Overall Braiding : Stainless Steel Wire  
 Operating Temp. : 260°C

### FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Good Dielectric with Standing Property
- ✓ Outstanding Insulating Properties
- ✓ Excellent Mechanical Properties
- ✓ Good Chemical Resistance
- ✓ Good Abrasion Resistance
- ✓ Passes JSS 51034 Flame Test

### AVAILABLE OPTIONS

- ✓ Color code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HT401	7	0.200	0.22	0.59	Twisted	3.8	36
HT402	7	0.254	0.35	0.76	Twisted	4.1	32
HT403	1	0.810	0.5	0.81	Twisted	4.4	42
HT404	7	0.300	0.5	0.89	Twisted	4.6	44
HT405	24	0.200	0.75	1.1	Twisted	5.2	55
HT406	14	0.300	1	1.26	Twisted	5.4	70
HT407	3	0.711	1.2	1.39	Twisted	5.9	77
HT408	40	0.200	1.25	1.42	Twisted	5.6	78
HT409	1	1.290	1.3	1.29	Twisted	5.7	83
HT410	19	0.300	1.3	1.52	Twisted	6.4	85
HT411	21	0.300	1.5	1.55	Twisted	6.7	103
HT412	35	0.300	2.5	2	Twisted	7.8	147
HT413	56	0.300	4	2.56	Twisted	9.7	210
HT414	84	0.300	6	3.11	Twisted	11	275
HT415	140	0.300	10	4.1	Twisted	13.5	410
HT416	128	0.400	16	5.11	Twisted	16	700
HT417	198	0.400	25	6.4	Twisted	19.8	1010
HT418	278	0.400	35	7.6	Twisted	22.2	1300

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HTXXX)	(XXX)	(XX)	(XXX)	(X)
401 to 418	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
 RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HT-501

## HEAT RESISTANCE CABLE

PTFE - PTFE - FIBER GLASS - SS  
BRAIDING 350°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper  
Core Insulation : PTFE Insulation  
Construction : Twisted  
Inner Sheath : PTFE Insulation  
Outer Sheath : Fiber Glass Insulation  
Overall Braiding : Stainless Steel Wire  
Operating Temp. : 350°C

### FEATURES

- ✓ Max. Temp. Up to 350°C
- ✓ Good Dielectric with Standing Property
- ✓ Outstanding Insulating Properties
- ✓ Excellent Mechanical Properties
- ✓ Good Chemical Resistance
- ✓ Good Abrasion Resistance
- ✓ Passes JSS 51034 Flame Test

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HT501	7	0.200	0.22	0.59	Twisted	4.3	41
HT502	7	0.254	0.35	0.76	Twisted	4.6	38
HT503	1	0.810	0.5	0.81	Twisted	4.9	49
HT504	7	0.300	0.5	0.89	Twisted	5.1	52
HT505	24	0.200	0.75	1.1	Twisted	5.7	63
HT506	14	0.300	1	1.26	Twisted	5.9	78
HT507	3	0.711	1.2	1.39	Twisted	6.4	86
HT508	40	0.200	1.25	1.42	Twisted	6.2	88
HT509	1	1.290	1.3	1.29	Twisted	6.2	93
HT510	19	0.300	1.3	1.52	Twisted	7	95
HT511	21	0.300	1.5	1.55	Twisted	7.3	115
HT512	35	0.300	2.5	2	Twisted	8.4	160
HT513	56	0.300	4	2.56	Twisted	10.3	225
HT514	84	0.300	6	3.11	Twisted	11.6	295
HT515	140	0.300	10	4.1	Twisted	14.1	435
HT516	128	0.400	16	5.11	Twisted	16.6	740
HT517	198	0.400	25	6.4	Twisted	20	1045
HT518	278	0.400	35	7.6	Twisted	23	1340

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HTXXX)	(XXX)	(XX)	(XXX)	(X)
501 to 518	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)

# HT-601

## HEAT RESISTANCE CABLE

**PTFE - MICA - CERAMIC FIBER -  
OVERALL CERAMIC FIBER - SS  
BRAIDING 800°C**



JSS 51034, IS 8130

Voltage Grade : 600/1100V

### SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper  
 Core Insulation : PTFE / Mica Tape / Ceramic Fiber  
 Construction : Twisted  
 Inner Sheath : Ceramic Fiber Insulation  
 Overall Braiding : Stainless Steel Wire  
 Operating Temp. : 800°C

### FEATURES

- ✓ Extreme High Temperature Up to 800°C
- ✓ Excellent Heat Resistance
- ✓ Excellent Mechanical Properties
- ✓ Good Flame Retardant
- ✓ Good Abrasion Resistance
- ✓ Passes JSS 51034 Flame Test

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HT601	7	0.200	0.22	0.59	Twisted	6.2	44
HT602	7	0.254	0.35	0.76	Twisted	6.3	53
HT603	1	0.810	0.5	0.81	Twisted	6.4	63
HT604	7	0.300	0.5	0.89	Twisted	6.6	66
HT605	24	0.200	0.75	1.1	Twisted	7.2	75
HT606	14	0.300	1	1.26	Twisted	7.6	89
HT607	3	0.711	1.2	1.39	Twisted	8	105
HT608	40	0.200	1.25	1.42	Twisted	8	110
HT609	1	1.290	1.3	1.29	Twisted	8	115
HT610	19	0.300	1.3	1.52	Twisted	8.4	117
HT611	21	0.300	1.5	1.55	Twisted	8.5	115
HT612	35	0.300	2.5	2	Twisted	9.5	160
HT613	56	0.300	4	2.56	Twisted	10.9	225
HT614	84	0.300	6	3.11	Twisted	12	295
HT615	140	0.300	10	4.1	Twisted	14.2	435
HT616	128	0.400	16	5.11	Twisted	16.6	740
HT617	198	0.400	25	6.4	Twisted	20.8	1045
HT618	278	0.400	35	7.6	Twisted	23.8	1340

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HTXXX)	(XXX)	(XX)	(XXX)	(X)
601 to 618	BC0 NPC TPC SPC PN0	01 02 - - 12	RB0 RYB CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).  
 RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)