

RF-101

RTD CABLE

**FIBER GLASS - FIBER GLASS- SS
BRAIDING INSULATED - 400°C**



DIN 43760, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Fiber Glass Insulation with High Temperature Varnish
Construction	: Twisted
Inner Sheath	: Fiber Glass Braiding
Overall Braiding	: Stainless Steel Wire Braiding
Operating Temp.	: 400°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Outstanding Insulating Properties
- ✓ Low Dielectric Constant
- ✓ Very Good Chemical Resistivity
- ✓ Good Abrasion Resistance
- ✓ Excellent Mechanical Strength

AVAILABLE OPTIONS

- ✓ Shielding of Tape & Metal
- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Asbestos Covering

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RF101	7	0.160	0.14	0.48	Twisted	3.10	18
RF102	7	0.193	0.22	0.6	Twisted	3.50	24
RF103	19	0.27	0.24	0.62	Twisted	3.60	28
RF104	7	0.274	0.42	0.82	Twisted	4.00	35
RF105	3	0.711	1.2	1.39	Twisted	5.60	78
RF106	1	0.810	0.5	0.81	Twisted	4.00	42
RF107	7	0.300	0.5	0.9	Twisted	4.30	42
RF108	1	1.020	0.75	1.02	Twisted	4.70	50
RF109	14	0.300	1	1.26	Twisted	5.20	70
RF110	1	1.290	1.3	1.29	Twisted	5.30	87
RF111	19	0.300	1.3	1.52	Twisted	5.90	87
RF112	40	0.200	1.25	1.42	Twisted	5.80	82
RF113	21	0.300	1.5	1.55	Twisted	6.00	95
RF114	35	0.300	2.50	2.00	Twisted	7.40	135

ORDERING CODE

Conductor Size (RFXXX)	Type of Conductor (XXX)	No. of Core (XX)	Color Code (XXX)	Cable Formation (X)
101 to 114	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RF-201

RTD CABLE

POLYIMIDE - FIBER GLASS - FIBER GLASS INSULATED - 400°C



DIN 43760, IS 8130,

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Fiber Glass Insulation with High Temperature Varnish
Construction	: Twisted
Inner Sheath	: Fiber Glass Braiding
Operating Temp.	: 400°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Outstanding Insulating Properties
- ✓ Low Dielectric Constant
- ✓ Very Good Chemical Resistivity
- ✓ Good Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Shielding of Tape & Metal
- ✓ Overall Metal Covering
- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Asbestos Covering

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RF201	7	0.160	0.14	0.48	Twisted	2.70	12
RF202	7	0.193	0.22	0.6	Twisted	3.20	19
RF203	19	0.27	0.24	0.62	Twisted	3.30	24
RF204	7	0.274	0.42	0.82	Twisted	3.90	31
RF205	3	0.711	1.2	1.39	Twisted	5.50	57
RF206	1	0.810	0.5	0.81	Twisted	3.90	35
RF207	7	0.300	0.5	0.9	Twisted	4.20	35
RF208	1	1.020	0.75	1.02	Twisted	4.60	45
RF209	14	0.300	1	1.26	Twisted	5.30	52
RF210	1	1.290	1.3	1.29	Twisted	5.40	66
RF211	19	0.300	1.3	1.52	Twisted	5.90	66
RF212	40	0.200	1.25	1.42	Twisted	5.80	62
RF213	21	0.300	1.5	1.55	Twisted	6.20	72
RF214	35	0.300	2.50	2.00	Twisted	7.10	110

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RFXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 214	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RP-101

RTD CABLE

PVC - PVC INSULATED - 85°C



DIN 43760, IS 694, BS5308, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: PVC Insulation
Construction	: Twisted
Outer Jacket	: PVC Insulation
Operating Temp.	: 85°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Non-Flammability
- ✓ Good Resistant to Abrasion
- ✓ Excellent Flame Retardant
- ✓ Good Heat Resistance
- ✓ Good Flexibility

AVAILABLE OPTIONS

- ✓ Shielding of Tape & Metal
- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Metal Covering
- ✓ Available with Fire Retard & Low Smoke Characteristic
- ✓ Available with Zero Halogen Properties

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RP101	7	0.254	0.35	0.76	Twisted	5.8	33
RP102	7	0.152	0.12	0.45	Twisted	4.7	20
RP103	7	0.160	0.14	0.48	Twisted	4.8	22
RP104	1	0.510	0.2	0.51	Twisted	4.9	28
RP105	7	0.200	0.22	0.59	Twisted	5.4	30
RP106	7	0.274	0.42	0.81	Twisted	5.9	38
RP107	14	0.200	0.45	0.51	Twisted	4.9	40
RP108	1	0.810	0.5	0.81	Twisted	5.9	47
RP109	7	0.300	0.5	0.89	Twisted	6.5	50
RP110	24	0.200	0.75	1.1	Twisted	7	63
RP111	14	0.300	1	1.26	Twisted	7.2	75
RP112	40	0.200	1.25	1.42	Twisted	7.6	85
RP113	1	1.290	1.3	1.29	Twisted	7.3	88
RP114	19	0.300	1.3	1.52	Twisted	7.9	88
RP115	21	0.300	1.5	1.55	Twisted	8	95
RP116	35	0.300	2.5	2	Twisted	9.5	137
RP117	3	0.711	1.2	1.39	Twisted	7.6	90

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RPXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 117	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RP-201

RTD CABLE

PVC - COPPER SCREEN - PVC
INSULATED - 85°C



DIN 43760, IS 694, BS5308, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: PVC Insulation
Construction	: Twisted
Isolator	: Polyester Tape
Screening	: Copper Wire
Outer Jacket	: PVC Insulation
Operating Temp.	: 85°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Non-Flammability
- ✓ Good Resistant to Abrasion
- ✓ Excellent Flame Retardant
- ✓ Good Heat Resistance
- ✓ Good Flexibility

AVAILABLE OPTIONS

- ✓ Shielding of Almylar Tape
- ✓ Color code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Metal Covering
- ✓ Available with Fire Retard & Low Smoke Characteristic
- ✓ Available with Zero Halogen Properties

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RP201	7	0.254	0.35	0.76	Twisted	6.5	40
RP202	7	0.152	0.12	0.45	Twisted	5.4	22
RP203	7	0.160	0.14	0.48	Twisted	5.9	24
RP204	1	0.510	0.2	0.51	Twisted	5.5	32
RP205	7	0.200	0.22	0.59	Twisted	5.6	40
RP206	7	0.274	0.42	0.81	Twisted	6.5	46
RP207	14	0.200	0.45	0.51	Twisted	5.5	48
RP208	1	0.810	0.5	0.81	Twisted	6.5	52
RP209	7	0.300	0.5	0.89	Twisted	7.2	53
RP210	24	0.200	0.75	1.1	Twisted	7.6	56
RP211	14	0.300	1	1.26	Twisted	8	55
RP212	40	0.200	1.25	1.42	Twisted	8.3	92
RP213	1	1.290	1.3	1.29	Twisted	8	100
RP214	19	0.300	1.3	1.52	Twisted	8.8	101
RP215	21	0.300	1.5	1.55	Twisted	8.9	194
RP216	35	0.300	2.5	2	Twisted	10.5	160
RP217	3	0.711	1.2	1.39	Twisted	8.3	90

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RPXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 217	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RP-301

RTD CABLE

PVC - ALMYLAR - PVC INSULATED - 85°C



DIN 43760, IS 1554, BS 5308, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: PVC Insulation
Construction	: Twisted
Screening	: Almylar Tape Screen with Drain Wire
Outer Jacket	: PVC Insulation
Operating Temp.	: 85°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Non-Flammability
- ✓ Good Resistant to Abrasion
- ✓ Excellent Flame Retardant
- ✓ Good Heat Resistance
- ✓ Good Flexibility

AVAILABLE OPTIONS

- ✓ Metal Screening
- ✓ Color code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Metal Covering
- ✓ Available with Fire Retard & Low Smoke Characteristic
- ✓ Available with Zero Halogen Properties

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RP301	7	0.254	0.35	0.76	Twisted	6.2	41
RP302	7	0.152	0.12	0.45	Twisted	5.1	26
RP303	7	0.160	0.14	0.48	Twisted	5.2	28
RP304	1	0.510	0.2	0.51	Twisted	5.3	34
RP305	7	0.200	0.22	0.59	Twisted	5.4	36
RP306	7	0.274	0.42	0.81	Twisted	6.3	44
RP307	14	0.200	0.45	0.51	Twisted	5.3	46
RP308	1	0.810	0.5	0.81	Twisted	6.3	53
RP309	7	0.300	0.5	0.89	Twisted	6.9	56
RP310	24	0.200	0.75	1.1	Twisted	7.4	69
RP311	14	0.300	1	1.26	Twisted	7.6	83
RP312	40	0.200	1.25	1.42	Twisted	8	93
RP313	1	1.290	1.3	1.29	Twisted	7.7	96
RP314	19	0.300	1.3	1.52	Twisted	8.3	96
RP315	21	0.300	1.5	1.55	Twisted	8.4	103
RP316	35	0.300	2.5	2	Twisted	9.9	145
RP317	3	0.711	1.2	1.39	Twisted	8	98

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RPXXX)	(XXX)	(XX)	(XXX)	(X)
301 to 317	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RP-401

RTD CABLE

PVC - ALMYLAR - PVC - G.I. ARMOURING
- PVC INSULATION 85°C



DIN 43760, IS 1554, BS 5308, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core insulation	: PVC Insulation
Construction	: Twisted
Screening	: Almylar Tape Screen with Drain Wire
Inner Jacket	: PVC Insulation
Armouring	: G.I. Strip / Round Wire
Outer Jacket	: PVC Insulation
Operating Temp.	: 85°C

FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Non-Flammability
- ✓ Good Resistant to Abrasion
- ✓ Excellent Flame Retardant
- ✓ Good Heat Resistance
- ✓ Good Flexibility

AVAILABLE OPTIONS

- ✓ Color code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Available with Fire Retard & Low Smoke Characteristic
- ✓ Available with Zero Halogen Properties

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RP401	7	0.254	0.35	0.76	Twisted	10.2	255
RP402	7	0.152	0.12	0.45	Twisted	9.5	200
RP403	7	0.160	0.14	0.48	Twisted	9.6	250
RP404	1	0.510	0.2	0.51	Twisted	9.8	220
RP405	7	0.200	0.22	0.59	Twisted	10.0	230
RP406	7	0.274	0.42	0.81	Twisted	11.10	240
RP407	14	0.200	0.45	0.51	Twisted	11.20	250
RP408	1	0.810	0.5	0.81	Twisted	11.50	265
RP409	7	0.300	0.5	0.89	Twisted	11.50	265
RP410	24	0.200	0.75	1.1	Twisted	12.0	300
RP411	14	0.300	1	1.26	Twisted	12.20	330
RP412	40	0.200	1.25	1.42	Twisted	12.40	340
RP413	1	1.290	1.3	1.29	Twisted	12.80	360
RP414	19	0.300	1.3	1.52	Twisted	12.80	360
RP415	21	0.300	1.5	1.55	Twisted	13.0	390
RP416	35	0.300	2.5	2	Twisted	14.5	490
RP417	3	0.711	1.2	1.39	Twisted	12.5	350

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RPXXX)	(XXX)	(XX)	(XXX)	(X)
401 to 417	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-101

RTD CABLE

PTFE - PTFE INSULATED - 260°C



DIN 43760, JSS 51034, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Outer Jacket	: PTFE Sheathed
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ Good Thermal Stability
- ✓ Good Mechanical Strength
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Metal Braiding Over Jacket
- ✓ Twisted / Shielded Pair
- ✓ Color Code as per Customer Requirement
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT101	7	0.122	0.08	0.36	Twisted	2.4	9.5
RT102	7	0.152	0.12	0.45	Twisted	2.5	10.1
RT103	7	0.193	0.22	0.57	Twisted	2.7	13.8
RT104	7	0.274	0.42	0.81	Twisted	3.2	22.1
RT105	3	0.711	1.2	1.39	Twisted	4.6	59.1
RT106	7	0.200	0.14	0.48	Twisted	2.7	12.2
RT107	1	0.160	0.2	0.51	Twisted	2.9	13.7
RT108	7	0.510	0.45	0.82	Twisted	3.4	26
RT109	1	0.200	0.5	0.81	Twisted	3.4	28
RT110	7	0.274	0.5	0.9	Twisted	3.6	28
RT111	1	0.810	0.75	1.02	Twisted	3.8	43
RT112	14	0.300	1	1.26	Twisted	4.5	58
RT113	1	1.020	1.3	1.29	Twisted	4.7	115
RT114	19	0.300	1.3	1.52	Twisted	4.9	115
RT115	40	0.200	1.25	1.42	Twisted	4.5	60
RT116	21	0.300	1.5	1.55	Twisted	5	73
RT117	1	1.788	2.5	1.788	Twisted	5.8	120
RT118	56	0.300	4	2.53	Twisted	7.8	170

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 118	BC0 NPC SPC PN0	02 03 - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-151

RTD CABLE

PTFE - POLYIMIDE - COPPER SCREEN - FEP 200°C



DIN 43760, JSS51034, JSS51037, JSS51038

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: Polyimide Insulation
Screening	: Copper Screening
Outer Jacket	: Extruded FEP Insulation
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Excellent Heat Resistant
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Twisted & Shielded Triad
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT151	7	0.122	0.08	0.36	Twisted	2.9	17
RT152	7	0.152	0.12	0.45	Twisted	3	19
RT153	7	0.193	0.22	0.57	Twisted	3.3	26
RT154	7	0.274	0.42	0.81	Twisted	3.75	35
RT155	3	0.711	1.2	1.39	Twisted	5	71
RT156	7	0.160	0.14	0.48	Twisted	3.7	19
RT157	1	0.510	0.2	0.51	Twisted	3.9	26
RT158	7	0.274	0.45	0.82	Twisted	4.5	35.5
RT159	1	0.810	0.5	0.81	Twisted	4.5	38.5
RT160	7	0.300	0.5	0.9	Twisted	4.6	38.5
RT161	1	1.020	0.75	1.02	Twisted	4.85	55
RT162	14	0.300	1	1.26	Twisted	5.35	63
RT163	1	1.290	1.3	1.29	Twisted	5.5	82
RT164	19	0.300	1.3	1.52	Twisted	6	82
RT165	40	0.200	1.25	1.42	Twisted	5.8	81
RT166	21	0.300	1.5	1.55	Twisted	6.1	90
RT167	35	0.300	2.5	2	Twisted	6.7	146

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
151 to 167	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-201

RTD CABLE

PTFE - PTFE - SS BRAIDING INSULATED
- 260°C



DIN 43760, JSS 51034, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Outer Jacket	: PTFE Sheathed
Outer Braiding	: Stainless Steel Wire Braiding
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties.
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Good Mechanical Strength
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Twisted / Shielded Pair
- ✓ Color Code as per Customer Requirement
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT201	7	0.122	0.08	0.36	Twisted	2.9	11.6
RT202	7	0.152	0.12	0.45	Twisted	3.05	14.2
RT203	7	0.193	0.22	0.57	Twisted	3.37	20.2
RT204	7	0.274	0.42	0.81	Twisted	4.2	31.9
RT205	3	0.711	1.2	1.39	Twisted	5.5	75
RT206	7	0.200	0.14	0.48	Twisted	3.4	17.38
RT207	1	0.160	0.2	0.51	Twisted	3.4	17.5
RT208	7	0.510	0.45	0.82	Twisted	4.2	32.2
RT209	1	0.200	0.5	0.81	Twisted	4.2	33
RT210	7	0.274	0.5	0.9	Twisted	4.35	33
RT211	1	0.810	0.75	1.02	Twisted	4.6	48
RT212	14	0.300	1	1.26	Twisted	5.2	60
RT213	1	1.020	1.3	1.29	Twisted	5.3	78.1
RT214	19	0.300	1.3	1.52	Twisted	5.8	78.1
RT215	40	0.200	1.25	1.42	Twisted	5.6	75
RT216	21	0.300	1.5	1.55	Twisted	5.4	86
RT217	1	1.788	2.5	1.788	Twisted	6.34	140
RT218	56	0.300	4	2.53	Twisted	8.4	240
RT219	7	0.102	0.05	0.32	Twisted	2.6	9

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 219	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-251

RTD CABLE

PTFE - POLYIMIDE - COPPER SCREEN -
PTFE 260°C



DIN 43760, JSS51034, JSS51037, JSS51038

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: Polyimide Insulation
Screening	: Copper Screening
Outer Jacket	: PTFE Insulation
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Twisted & Shielded Triad
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT251	7	0.122	0.08	0.36	Twisted	2.9	17
RT252	7	0.152	0.12	0.45	Twisted	3	19
RT253	7	0.193	0.22	0.57	Twisted	3.3	26
RT254	7	0.274	0.42	0.81	Twisted	3.75	35
RT255	3	0.711	1.2	1.39	Twisted	5	71
RT256	7	0.160	0.14	0.48	Twisted	3.7	19
RT257	1	0.510	0.2	0.51	Twisted	3.9	26
RT258	7	0.274	0.45	0.82	Twisted	4.5	35.5
RT259	1	0.810	0.5	0.81	Twisted	4.5	38.5
RT260	7	0.300	0.5	0.9	Twisted	4.6	38.5
RT261	1	1.020	0.75	1.02	Twisted	4.85	55
RT262	14	0.300	1	1.26	Twisted	5.35	63
RT263	1	1.290	1.3	1.29	Twisted	5.5	82
RT264	19	0.300	1.3	1.52	Twisted	6	82
RT265	40	0.200	1.25	1.42	Twisted	5.8	81
RT266	21	0.300	1.5	1.55	Twisted	6.1	90
RT267	35	0.300	2.5	2	Twisted	6.7	146

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
251 to 267	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-301

RTD CABLE

PTFE - PTFE - COPPER SCREENING -
PTFE INSULATED - 260°C



DIN 43760, JSS 51034, JSS 51038, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: PTFE Insulation
Screening	: Copper Screening
Outer Jacket	: PTFE Sheathed
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ Very good chemical Resistivity
- ✓ Good Abrasion Resistance
- ✓ Good Thermal Stability
- ✓ Non-Flammability
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Twisted / Shielded Triad
- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT301	7	0.122	0.08	0.36	Twisted	3	18
RT302	7	0.152	0.12	0.45	Twisted	3.1	20
RT303	7	0.193	0.22	0.57	Twisted	3.4	27
RT304	7	0.274	0.42	0.81	Twisted	3.9	36.6
RT305	3	0.711	1.2	1.39	Twisted	5.2	74
RT306	7	0.200	0.14	0.48	Twisted	3.8	20
RT307	1	0.160	0.2	0.51	Twisted	4	27
RT308	7	0.510	0.45	0.82	Twisted	4.6	37
RT309	1	0.200	0.5	0.81	Twisted	4.6	40
RT310	7	0.274	0.5	0.9	Twisted	4.75	40
RT311	1	0.810	0.75	1.02	Twisted	5	57
RT312	14	0.300	1	1.26	Twisted	5.5	65
RT313	1	1.020	1.3	1.29	Twisted	5.7	85
RT314	19	0.300	1.3	1.52	Twisted	6.2	85
RT315	40	0.200	1.25	1.42	Twisted	5.6	84
RT316	21	0.300	1.5	1.55	Twisted	6	94
RT317	1	1.788	2.5	1.788	Twisted	6.96	150
RT318	56	0.300	4	2.53	Twisted	8.76	215

ORDERING CODE

Conductor Size (RTXXX)	Type of Conductor (XXX)	No. of Core (XX)	Color Code (XXX)	Cable Formation (X)
301 to 318	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-351

RTD CABLE

PTFE - PTFE - SS BRAIDING - PTFE INSULATED 260°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Inner Sheath	: PTFE Insulation
Outer Braiding	: Stainless Steel Wire
Outer Sheath	: PTFE Sheathed
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties
- ✓ Flame Retardant
- ✓ High Mechanical Strength
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Twisted & Shielded Triad
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT351	7	0.122	0.08	0.36	Twisted	3.4	15.6
RT352	7	0.152	0.12	0.45	Twisted	3.55	18.2
RT353	7	0.193	0.22	0.57	Twisted	3.9	23
RT354	7	0.274	0.42	0.81	Twisted	4.7	40
RT355	3	0.711	1.2	1.39	Twisted	6.2	89
RT356	7	0.160	0.14	0.48	Twisted	3.9	21
RT357	1	0.510	0.2	0.51	Twisted	3.9	23
RT358	7	0.274	0.45	0.82	Twisted	4.7	37
RT359	1	0.810	0.5	0.81	Twisted	4.7	40
RT360	7	0.300	0.5	0.9	Twisted	4.9	40
RT361	1	1.020	0.75	1.02	Twisted	5.6	60
RT362	14	0.300	1	1.26	Twisted	6.2	73
RT363	1	1.290	1.3	1.29	Twisted	6.2	85
RT364	19	0.300	1.3	1.52	Twisted	6.5	85
RT365	40	0.200	1.25	1.42	Twisted	6.3	90
RT366	21	0.300	1.5	1.55	Twisted	6.5	105
RT367	35	0.300	2.5	2	Twisted	7.5	160

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
351 to 367	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-401

RTD CABLE

PTFE - FEP INSULATED - 200°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Flat
Outer Jacket	: Extruded FEP Sheathed
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Outstanding Insulating Properties
- ✓ Low Dielectric Constant
- ✓ Very Good Chemical Resistivity
- ✓ Good Abrasion Resistance
- ✓ Non-Flammability
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Shielding of Tape & Metal
- ✓ Twisted Formation
- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Metal Covering

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT401	7	0.160	0.14	0.48	Flat	1.67X3.61	15
RT402	7	0.193	0.22	0.6	Flat	1.79X3.97	19
RT403	19	0.27	0.24	0.62	Flat	1.82X4.06	20.5
RT404	7	0.274	0.42	0.82	Flat	4.86X2.1	28
RT405	3	0.711	1.2	1.39	Flat	6.77X2.75	60.5
RT406	1	0.810	0.5	0.81	Flat	4.86X2.1	28
RT407	7	0.300	0.5	0.9	Flat	5.1X2.25	29
RT408	1	1.020	0.75	1.02	Flat	5.46X2.22	50
RT409	14	0.300	1	1.26	Flat	6.28X2.56	55
RT410	1	1.290	1.3	1.29	Flat	6.28X2.60	56
RT411	19	0.300	1.3	1.52	Flat	6.96X2.92	66.75
RT412	40	0.200	1.25	1.42	Flat	6.66 X 2.82	65
RT413	21	0.300	1.5	1.55	Flat	6.96X2.92	67

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
401 to 413	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	F-(Flat)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-501

RTD CABLE

PTFE - SILICON INSULATED - 200°C



DIN 43760, JSS 51034, IS 9968

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation : PTFE Insulated
Construction : Twisted
Outer Jacket : Extruded Silicon Sheathed
Operating Temp. : 200°C
Color Code : According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Outstanding Insulating Properties
- ✓ Low Dielectric Constant
- ✓ Excellent Flexibility
- ✓ Non-Flammability

AVAILABLE OPTIONS

- ✓ Shielding of Tape & Metal
- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Metal Covering

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT501	7	0.122	0.08	0.36	Twisted	3.1	10
RT502	7	0.152	0.12	0.45	Twisted	3.4	11
RT503	7	0.193	0.22	0.57	Twisted	3.7	20
RT504	7	0.274	0.42	0.81	Twisted	4.3	30
RT505	3	0.711	1.2	1.39	Twisted	6.8	75
RT506	7	0.160	0.14	0.48	Twisted	3.5	18
RT507	1	0.510	0.2	0.51	Twisted	4.1	20
RT508	7	0.274	0.45	0.82	Twisted	4.4	32
RT509	1	0.810	0.5	0.81	Twisted	4.4	37
RT510	7	0.300	0.5	0.9	Twisted	4.9	38
RT511	1	1.020	0.75	1.02	Twisted	5.4	45
RT512	14	0.300	1	1.26	Twisted	6.4	66
RT513	1	1.290	1.3	1.29	Twisted	6.4	80
RT514	19	0.300	1.3	1.52	Twisted	6.8	81
RT515	40	0.200	1.25	1.42	Twisted	6.5	76
RT516	21	0.300	1.5	1.55	Twisted	6.8	90
RT517	35	0.300	2.5	2	Twisted	8.0	140

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
501 to 517	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-601

RTD CABLE

**PTFE - ALMYLAR SCREEN - PTFE
INSULATED - 260°C**



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Screening	: Almylar Screening with 0.50 Sq. mm ATC Drain Wire
Outer Jacket	: PTFE Sheathed
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Good Mechanical Strength
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Covering of Metal Braiding
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT601	7	0.122	0.08	0.36	Twisted	2.6	16
RT602	7	0.152	0.12	0.45	Twisted	2.8	18
RT603	7	0.193	0.22	0.57	Twisted	3.1	24
RT604	7	0.274	0.42	0.81	Twisted	4	26
RT605	3	0.711	1.2	1.39	Twisted	5.6	74
RT606	7	0.160	0.14	0.48	Twisted	3	20
RT607	1	0.510	0.2	0.51	Twisted	3.1	27
RT608	7	0.274	0.45	0.82	Twisted	4.2	27
RT609	1	0.810	0.5	0.81	Twisted	4.1	36
RT610	7	0.300	0.5	0.9	Twisted	4.3	37
RT611	1	1.020	0.75	1.02	Twisted	4.5	48
RT612	14	0.300	1	1.26	Twisted	5.1	58
RT613	1	1.290	1.3	1.29	Twisted	5.2	76
RT614	19	0.300	1.3	1.52	Twisted	5.6	77
RT615	40	0.200	1.25	1.42	Twisted	5.4	72
RT616	21	0.300	1.5	1.55	Twisted	5.7	83
RT617	35	0.300	2.5	2	Twisted	7	135

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
601 to 617	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-701

RTD CABLE

PTFE - ALMYLAR - PTFE - SS BRAIDING - 260°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Screening	: Almylar Screening with 0.50 Sq. mm ATC Drain Wire
Outer Jacket	: PTFE Sheathed
Outer Braiding	: Stainless Steel Wire
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Good Mechanical Strength
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT701	7	0.122	0.08	0.36	Twisted	3.1	20
RT702	7	0.152	0.12	0.45	Twisted	3.3	23
RT703	7	0.193	0.22	0.57	Twisted	3.6	30
RT704	7	0.274	0.42	0.81	Twisted	4.6	33
RT705	3	0.711	1.2	1.39	Twisted	6.2	92
RT706	7	0.160	0.14	0.48	Twisted	3.5	24
RT707	1	0.510	0.2	0.51	Twisted	3.6	32
RT708	7	0.274	0.45	0.82	Twisted	4.8	33
RT709	1	0.810	0.5	0.81	Twisted	4.7	43
RT710	7	0.300	0.5	0.9	Twisted	4.9	43
RT711	1	1.020	0.75	1.02	Twisted	5.1	58
RT712	14	0.300	1	1.26	Twisted	5.7	70
RT713	1	1.290	1.3	1.29	Twisted	5.8	90
RT714	19	0.300	1.3	1.52	Twisted	6.2	91
RT715	40	0.200	1.25	1.42	Twisted	6	88
RT716	21	0.300	1.5	1.55	Twisted	6.4	101
RT717	35	0.300	2.5	2	Twisted	7.8	159

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
701 to 717	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-801

RTD CABLE

PTFE - POLYIMIDE - PTFE 260°C



DIN 43760, JSS 51034, JSS 51037

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: Polyimide Tape
Outer Jacket	: PTFE Sheathed
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Good Mechanical Strength
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Covering with Metal Braiding
- ✓ Available with 1.1 KV Grade
- ✓ Twisted & Shielded Triad
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT801	7	0.122	0.08	0.36	Twisted	2.5	10.5
RT802	7	0.152	0.12	0.45	Twisted	2.6	11.1
RT803	7	0.193	0.22	0.57	Twisted	2.8	14.8
RT804	7	0.274	0.42	0.81	Twisted	3.3	23.1
RT805	3	0.711	1.2	1.39	Twisted	4.8	61.1
RT806	7	0.160	0.14	0.48	Twisted	2.9	13.2
RT807	1	0.510	0.2	0.51	Twisted	3	15
RT808	7	0.274	0.45	0.82	Twisted	3.5	28
RT809	1	0.810	0.5	0.81	Twisted	3.5	30
RT810	7	0.300	0.5	0.9	Twisted	3.7	30
RT811	1	1.020	0.75	1.02	Twisted	3.9	44.5
RT812	14	0.300	1	1.26	Twisted	4.6	60
RT813	1	1.290	1.3	1.29	Twisted	5	117
RT814	19	0.300	1.3	1.52	Twisted	5.1	117
RT815	40	0.200	1.25	1.42	Twisted	4.7	62
RT816	21	0.300	1.5	1.55	Twisted	5.2	76
RT817	35	0.300	2.5	2	Twisted	6	124

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
801 to 817	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RT-901

RTD CABLE

PTFE - PTFE - FG - SS BRAIDING 350°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: PTFE Insulation
Outer Jacket	: Fiber Glass Insulation
Overall braiding	: Stainless Steel Wire Braided
Operating Temp.	: 350°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 350°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Twisted & Shielded Triad
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT901	7	0.122	0.08	0.36	Twisted	3.4	15.5
RT902	7	0.152	0.12	0.45	Twisted	3.5	18.2
RT903	7	0.193	0.22	0.57	Twisted	3.7	23.8
RT904	7	0.274	0.42	0.81	Twisted	4.2	34
RT905	3	0.711	1.2	1.39	Twisted	5.8	81
RT906	7	0.160	0.14	0.48	Twisted	3.8	21.2
RT907	1	0.510	0.2	0.51	Twisted	3.9	25.7
RT908	7	0.274	0.45	0.82	Twisted	4.4	39
RT909	1	0.810	0.5	0.81	Twisted	4.4	41
RT910	7	0.300	0.5	0.9	Twisted	4.6	41
RT911	1	1.020	0.75	1.02	Twisted	4.9	59
RT912	14	0.300	1	1.26	Twisted	5.6	76
RT913	1	1.290	1.3	1.29	Twisted	5.9	141
RT914	19	0.300	1.3	1.52	Twisted	6.1	142
RT915	40	0.200	1.25	1.42	Twisted	5.7	77
RT916	21	0.300	1.5	1.55	Twisted	6.2	97
RT917	35	0.300	2.5	2	Twisted	7	150

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
901 to 917	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RTF-101

RTD CABLE

FEP - FEP INSULATED - 200°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Extruded FEP Insulated
Construction	: Twisted
Outer Jacket	: Extruded FEP Sheathed
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Outstanding Insulating Properties.
- ✓ Low Dielectric Constant
- ✓ Very good chemical Resistivity
- ✓ Good Abrasion Resistance
- ✓ Non-Flammability
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Shielding of Tape & Metal
- ✓ Flat Cable Formation
- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Metal Covering

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RTF101	7	0.122	0.08	0.36	Twisted	2.4	9.5
RTF102	7	0.152	0.12	0.45	Twisted	2.5	10.1
RTF103	7	0.193	0.22	0.57	Twisted	2.7	13.8
RTF104	7	0.274	0.42	0.81	Twisted	3.2	22.1
RTF105	3	0.711	1.2	1.39	Twisted	4.6	59.1
RTF106	7	0.160	0.14	0.48	Twisted	2.8	12.2
RTF107	1	0.510	0.2	0.51	Twisted	2.9	13.7
RTF108	7	0.274	0.45	0.82	Twisted	3.4	26
RTF109	1	0.810	0.5	0.81	Twisted	3.4	28
RTF110	7	0.300	0.5	0.9	Twisted	3.6	28
RTF111	1	1.020	0.75	1.02	Twisted	3.8	43
RTF112	14	0.300	1	1.26	Twisted	4.5	58
RTF113	1	1.290	1.3	1.29	Twisted	4.7	115
RTF114	19	0.300	1.3	1.52	Twisted	4.9	115
RTF115	40	0.200	1.25	1.42	Twisted	4.5	60
RTF116	21	0.300	1.5	1.55	Twisted	5	73
RTF117	35	0.300	2.5	2	Twisted	5.8	120

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTFXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 117	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RTF-201

RTD CABLE

FEP - FEP - SS BRAIDING INSULATED - 200°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Extruded FEP Insulation
Construction	: Twisted
Outer Jacket	: Extruded FEP Insulation
Outer Braiding	: Stainless Steel Wire Braiding
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Suitable for High Voltage use
- ✓ Low Dielectric Constant
- ✓ Excellent Fire Retardant property
- ✓ Good Mechanical Strength
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Twisted / Shielded Triad
- ✓ Color Code as per Customer Requirement
- ✓ 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) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RTF201	7	0.254	0.35	0.76	Twisted	4.1	35
RTF202	7	0.152	0.12	0.45	Twisted	3.05	14.2
RTF203	7	0.193	0.22	0.57	Twisted	3.37	17.8
RTF204	7	0.274	0.42	0.81	Twisted	4.2	31.9
RTF205	3	0.711	1.2	1.39	Twisted	5.5	75
RTF206	7	0.160	0.14	0.48	Twisted	3.4	17.38
RTF207	1	0.510	0.2	0.51	Twisted	3.4	17.5
RTF208	7	0.200	0.45	0.82	Twisted	4.2	32.2
RTF209	1	0.810	0.5	0.81	Twisted	4.2	33
RTF210	7	0.300	0.5	0.9	Twisted	4.35	33
RTF211	1	1.020	0.75	1.02	Twisted	4.6	48
RTF212	14	0.300	1	1.26	Twisted	5.2	60
RTF213	1	1.290	1.3	1.29	Twisted	5.3	78.1
RTF214	19	0.300	1.3	1.52	Twisted	5.8	78.1
RTF215	40	0.200	1.25	1.42	Twisted	5.6	75
RTF216	21	0.300	1.5	1.55	Twisted	5.4	86
RTF217	35	0.300	2.5	2	Twisted	6.34	140

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTFXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 217	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RTF-301

RTD CABLE

FEP - ALMYLAR SCREEN - FEP
INSULATED - 200°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Extruded FEP Insulated
Construction	: Twisted
Screening	: Al-Mylar Screening with 0.50 Sq.mm ATC Drain Wire
Outer Jacket	: Extruded FEP Sheathed
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose
- ✓ Available with Higher Voltage Grade

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RTF301	7	0.254	0.35	0.76	Twisted	4	34
RTF302	7	0.152	0.12	0.45	Twisted	2.8	18
RTF303	7	0.193	0.22	0.57	Twisted	3.1	24
RTF304	7	0.274	0.42	0.81	Twisted	4	26
RTF305	3	0.711	1.2	1.39	Twisted	5.6	74
RTF306	7	0.160	0.14	0.48	Twisted	3	20
RTF307	1	0.510	0.2	0.51	Twisted	3.1	27
RTF308	14	0.200	0.45	0.82	Twisted	4.2	27
RTF309	1	0.810	0.5	0.81	Twisted	4.1	36
RTF310	7	0.300	0.5	0.9	Twisted	4.3	37
RTF311	1	1.020	0.75	1.02	Twisted	4.5	48
RTF312	14	0.300	1	1.26	Twisted	5.1	58
RTF313	1	1.290	1.3	1.29	Twisted	5.2	76
RTF314	19	0.300	1.3	1.52	Twisted	5.6	77
RTF315	40	0.200	1.25	1.42	Twisted	5.4	72
RTF316	21	0.300	1.5	1.55	Twisted	5.7	83
RTF317	35	0.300	2.5	2	Twisted	7	135

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTFXXX)	(XXX)	(XX)	(XXX)	(X)
301 to 317	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RTF-401

RTD CABLE

FEP - ALMYLAR - FEP - SS BRAIDING - 200°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Extruded FEP Insulated
Construction	: Twisted
Screening	: Almylar Screening with 0.50 Sq. mm ATC Drain Wire
Outer Jacket	: Extruded FEP Insulated
Outer Braiding	: Stainless Steel Wire
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Covering of Metal Braiding
- ✓ Available with 1.1 KV Grade
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RTF401	7	0.254	0.35	0.76	Twisted	4.6	44
RTF402	7	0.152	0.12	0.45	Twisted	3.3	23
RTF403	7	0.193	0.22	0.57	Twisted	3.6	30
RTF404	7	0.274	0.42	0.81	Twisted	4.6	33
RTF405	3	0.711	1.2	1.39	Twisted	6.2	92
RTF406	7	0.160	0.14	0.48	Twisted	3.5	24
RTF407	1	0.510	0.2	0.51	Twisted	3.6	32
RTF408	14	0.200	0.45	0.82	Twisted	4.8	33
RTF409	1	0.810	0.5	0.81	Twisted	4.7	43
RTF410	7	0.300	0.5	0.9	Twisted	4.9	43
RTF411	1	1.020	0.75	1.02	Twisted	5.1	58
RTF412	14	0.300	1	1.26	Twisted	5.7	70
RTF413	1	1.290	1.3	1.29	Twisted	5.8	90
RTF414	19	0.300	1.3	1.52	Twisted	6.2	91
RTF415	40	0.200	1.25	1.42	Twisted	6	88
RTF416	21	0.300	1.5	1.55	Twisted	6.4	101
RTF417	35	0.300	2.5	2	Twisted	7.8	159

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTFXXX)	(XXX)	(XX)	(XXX)	(X)
401 to 417	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RTF-501

RTD CABLE

FEP - POLYIMIDE - COPPER SCREEN -
FEP INSULATED - 200°C



DIN 43760, JSS51034, JSS51037, JSS51038

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Extruded FEP Insulated
Construction	: Twisted
Isolator	: Polyimide
Screening	: Copper Screening
Outer Jacket	: Extruded FEP Insulated
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties.
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Screening
- ✓ Covering of Metal Braiding
- ✓ Available with 1.1 KV Grade
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RTF501	7	0.254	0.35	0.76	Twisted	4.3	32
RTF502	7	0.152	0.12	0.45	Twisted	3	19
RTF503	7	0.193	0.22	0.57	Twisted	3.3	26
RTF504	7	0.274	0.42	0.81	Twisted	3.75	35
RTF505	3	0.711	1.2	1.39	Twisted	5	71
RTF506	7	0.160	0.14	0.48	Twisted	3.7	19
RTF507	1	0.510	0.2	0.51	Twisted	3.9	26
RTF508	14	0.200	0.45	0.82	Twisted	4.5	35.5
RTF509	1	0.810	0.5	0.81	Twisted	4.5	38.5
RTF510	7	0.300	0.5	0.9	Twisted	4.6	38.5
RTF511	1	1.020	0.75	1.02	Twisted	4.85	55
RTF512	14	0.300	1	1.26	Twisted	5.35	63
RTF513	1	1.290	1.3	1.29	Twisted	5.5	82
RTF514	19	0.300	1.3	1.52	Twisted	6	82
RTF515	40	0.200	1.25	1.42	Twisted	5.8	81
RTF516	21	0.300	1.5	1.55	Twisted	6.1	90
RTF517	35	0.300	2.5	2	Twisted	6.7	146

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTFXXX)	(XXX)	(XX)	(XXX)	(X)
501 to 517	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RTF-601

RTD CABLE

FEP - FG - SS BRAIDING INSULATED - 300°C



DIN 43760, JSS 51034

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Extruded FEP Insulated
Construction	: Twisted
Inner Sheath	: Fiber Glass Insulation
Outer Braiding	: Stainless Steel Wire
Operating Temp.	: 300°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 300°C
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Twisted & Shielded Pair
- ✓ Available with 1.1 KV Grade
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RTF601	7	0.254	0.35	0.76	Twisted	3.8	36
RTF602	7	0.152	0.12	0.45	Twisted	2.9	19
RTF603	7	0.193	0.22	0.57	Twisted	3.1	24
RTF604	7	0.274	0.42	0.81	Twisted	3.6	35
RTF605	3	0.711	1.2	1.39	Twisted	5.2	71
RTF606	7	0.160	0.14	0.48	Twisted	3.2	19
RTF607	1	0.510	0.2	0.51	Twisted	3.3	24
RTF608	14	0.200	0.45	0.82	Twisted	3.8	39
RTF609	1	0.810	0.5	0.81	Twisted	3.8	42
RTF610	7	0.300	0.5	0.9	Twisted	4	42
RTF611	1	1.020	0.75	1.02	Twisted	4.3	53
RTF612	14	0.300	1	1.26	Twisted	5	66
RTF613	1	1.290	1.3	1.29	Twisted	5.3	125
RTF614	19	0.300	1.3	1.52	Twisted	5.5	126
RTF615	40	0.200	1.25	1.42	Twisted	5.1	65
RTF616	21	0.300	1.5	1.55	Twisted	5.8	80
RTF617	35	0.300	2.5	2	Twisted	6.4	125

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTFXXX)	(XXX)	(XX)	(XXX)	(X)
601 to 617	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)

RTF-701

RTD CABLE

FEP - SILICON INSULATED - 200°C



DIN 43760, JSS 51034, IS 9968

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core Insulation	: Extruded FEP Insulation
Construction	: Twisted
Outer Jacket	: Extruded Silicon Insulation
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Suitable for High Voltage use
- ✓ Low Dielectric Constant
- ✓ Excellent Fire Retardant property.
- ✓ Excellent Flexibility
- ✓ Good Mechanical Strength
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Twisted / Shielded Triad
- ✓ Color Code as per Customer Requirement
- ✓ 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) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RTF701	7	0.254	0.35	0.76	Twisted	4	32
RTF702	7	0.152	0.12	0.45	Twisted	3.1	11
RTF703	7	0.193	0.22	0.57	Twisted	3.4	20
RTF704	7	0.274	0.42	0.81	Twisted	4	30
RTF705	3	0.711	1.2	1.39	Twisted	6.5	75
RTF706	7	0.160	0.14	0.48	Twisted	3.2	18
RTF707	1	0.510	0.2	0.51	Twisted	3.8	20
RTF708	14	0.200	0.45	0.82	Twisted	4.1	32
RTF709	1	0.810	0.5	0.81	Twisted	4.1	37
RTF710	7	0.300	0.5	0.9	Twisted	4.5	38
RTF711	1	1.020	0.75	1.02	Twisted	5	45
RTF712	14	0.300	1	1.26	Twisted	6	66
RTF713	1	1.290	1.3	1.29	Twisted	6	80
RTF714	19	0.300	1.3	1.52	Twisted	6.5	81
RTF715	40	0.200	1.25	1.42	Twisted	6.2	76
RTF716	21	0.300	1.5	1.55	Twisted	6.5	90
RTF717	35	0.300	2.5	2	Twisted	7.7	140

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTFXXX)	(XXX)	(XX)	(XXX)	(X)
701 to 717	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)