



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	Type of Conductor	No. of Core	Color Code	Cable Formation
(RFXXX)	(XXX)	(XX)	(XXX)	(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)