

RFG-201

RTD CABLE

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



DIN 43760, IS 8130

Voltage Grade : 300V

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 Ordering Code	Wire Type	AWG / SWG No	No of Strands	Strand Dia (mm)	Cross Section Area (mm ²)	Nominal Bundled Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
RFG201	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	3.4	23
RFG202	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	3.7	28
RFG203	Multistrand	AWG 24/7/32	7	0.2	0.22	0.61	Twisted	-	3.9	32
RFG204	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	4.2	38
RFG205	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	4.4	40
RFG206	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	4.4	45.0
RFG207	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	4.7	51.0
RFG208	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	4.7	51.0
RFG209	Solid	AWG 20	1	0.81	0.51	0.81	Twisted	-	4.4	51
RFG210	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	5.2	62.0
RFG211	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	5.2	62.0
RFG212	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.9	68.0
RFG213	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.7	75.0
RFG214	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.7	75.0
RFG215	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.7	75.0
RFG216	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	6.3	85.0
RFG217	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	6	90.0
RFG218	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	5.7	85.0
RFG219	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	6.3	85.0
RFG220	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	6.4	105.0
RFG221	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	6.3	105.0
RFG222	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	6.3	105.0
RFG223	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	6.3	105.0

Note : Above parameters are considering 3 core RTD cable

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RFGXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 223	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)