



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)