



RTD LEADS-PTFE 200/260°C & FEP 205°C

Customization

Customized colour option and printing of the outer sheath on request

PTFE/FEP Unshielded

RJ 1001&1002



Product Description:

RTD cables are used as connecting lead wire between RTD sensor and temperature indicator device. Also used as an integral part of RTD sensor as leads.

Application:

- RTD cable has to be installed in high temperature environment.

Approvals:



Product Features:

- Flame retardant, Low smoke, High temperature application
- Good chemical resistance

Colour Codes:

- Core Colour: R=Red Core, W=White Core

Make Up:

- Silver/Nickel plated copper conductor
- Fine strands, stranded to form fine conductor
- PTFE insulated/FEP insulated
- Laid up and PTFE/FEP Jacketed

Technical Data:

- Based on**
Insulation: JSS:51034
Sheathing: JSS 51038, US MIL-C-27500
- Specific insulation resistance**
2G ohm/km min
- Minimum bending radius**
Oscillating flexing: 10x cable diameter
Fixed installation: 4x cable diameter
- Test voltage**
2 KV rms/1 minute
- Range of temperature**
Working Temp.: -65 °C up to +200 °C for SPC/TPC
Working Temp.: -65 °C up to +260 °C for NPC

PTFE/PTFE-200/260°C With silver/ nickel plated wire

Part number	Number of cores	Size		Conductor dia in mm	Conductor Resistance (OHM/Km) max at 20 °C	Voltage	Colour	Outer diameter in mm	Copper index kg/km
		AWG	Conductor No. & dia. of wires in mm						
RJ 1001									
1001 03302	2 core	24	7/0.20	0.60	83.2	600 V	R+W	3.0	0.5
1001 03402		22	19/0.16	0.80	49.8	600 V		3.3	0.8
1001 03303	3 core	24	7/0.20	0.60	83.2	600 V	R+2W	3.2	0.75
1001 03403		22	19/0.16	0.80	49.8	600 V		3.6	1.2
1001 03304	4 core	24	7/0.20	0.60	83.2	600 V	2R+2W	3.5	1.0
1001 03404		22	19/0.16	0.80	49.8	600 V		4.0	1.6
1001 03306	6 core	24	7/0.20	0.60	83.2	600 V	2R+4W	4.1	1.5
1001 03406		22	19/0.16	0.80	49.8	600 V		4.9	2.4

FEP/FEP-205°C With tinned/ silver plated copper

Part number	Number of cores	Size		Conductor dia in mm	Conductor Resistance (OHM/Km) max at 20 °C	Voltage	Colour	Outer diameter in mm	Copper index kg/km
		AWG	Conductor No. & dia. of wires in mm						
RJ 1002									
1002 03302	2 core	24	7/0.20	0.60	83.2	600 V	R+W	3.0	0.5
1002 03402		22	19/0.16	0.80	49.8	600 V		3.3	0.8
1002 03303	3 core	24	7/0.20	0.60	83.2	600 V	R+2W	3.2	0.75
1002 03403		22	19/0.16	0.80	49.8	600 V		3.6	1.2
1002 03304	4 core	24	7/0.20	0.60	83.2	600 V	2R+2W	3.5	1.0
1002 03404		22	19/0.16	0.80	49.8	600 V		4.0	1.6
1002 03306	6 core	24	7/0.20	0.60	83.2	600 V	2R+4W	4.1	1.5
1002 03406		22	19/0.16	0.80	49.8	600 V		4.9	2.4

Note: Part Number shall have T/S/N suffix to denote plating on conductor, For Example 100203402T=2 core, 22AWG, FEP cable with TPC and 10013402S-2 Core, 22AWG PTFE cable with SPC conductor



RTD LEADS-PTFE 200/260°C & FEP 205°C

Customization

Customized colour option and printing of the outer sheath on request

PTFE/FEP Shield Cable

RJ 1003 & 1004



Product Description:

RTD cables are used as connecting lead wire between RTD sensor and temperature indicator device. Also used as an integral part of RTD sensor as leads.

Application:

- RTD cable has to be installed in high temperature environment.

Approvals:



Product Features:

- Flame retardant, Low smoke, High Temperature
- Good chemical resistance

Colour Codes:

- Core Colour: R=Red Core, W=White Core

Make Up:

- Tinned/Silver/Nickel plated copper stranded conductor
- Fine strands, stranded to form fine conductor
- PTFE insulated
- TPC/SPC/NPC shield
- Laid up and PTFE/FEP Jacketed

Technical Data:

- Based on**
Insulation: JSS 51034
Sheathing: JSS 51038, US MIL-C-27500
- Specific insulation resistance**
2G ohm/km min
- Minimum bending radius**
Oscillating flexing: 10x cable diameter
Fixed installation: 4 x cable diameter
- Test voltage**
2 KV rms/1 minute
- Range of temperature**
Working Temp.: -65°C up to +200°C for SPC/TPC
Working Temp.: -65°C up to +260°C for NPC

PTFE-200/260 DegC with Silver/Nickel plated copper

Part number	Number of cores	Size		Conductor dia in mm	Conductor Resistance (OHM/Km) max at 20°C	Voltage	Colour	Outer diameter in mm	Copper index kg/km
		AWG	Conductor No. & dia. of wires in mm						
RJ 1003									
1003 03302	2 core	24	7/0.20	0.60	83.2	600 V	R+W	3.6	2.0
1003 03402		22	19/0.16	0.80	49.8	600 V		4.0	2.3
1003 03303	3 core	24	7/0.20	0.60	83.2	600 V	R+2W	3.8	2.3
1003 03403		22	19/0.16	0.80	49.8	600 V		4.2	2.6
1003 03304	4 core	24	7/0.20	0.60	83.2	600 V	2R+2W	4.1	3.1
1003 03404		22	19/0.16	0.80	49.8	600 V		4.6	3.5
1003 03306	6 core	24	7/0.20	0.60	83.2	600 V	2R+4W	4.9	4.0
1003 03406		22	19/0.16	0.80	49.8	600 V		5.6	4.3

FEP-205 DegC with Silver/Tin plated copper

Part number	Number of cores	Size		Conductor dia in mm	Conductor Resistance (OHM/Km) max at 20°C	Voltage	Colour	Outer diameter in mm	Copper index kg/km
		AWG	Conductor No. & dia. of wires in mm						
RJ 1004									
1004 03302	2 core	24	7/0.20	0.60	83.2	600 V	R+W	3.6	2.0
1004 03402		22	19/0.16	0.80	49.8	600 V		4.0	2.3
1004 03303	3 core	24	7/0.20	0.60	83.2	600 V	R+2W	3.8	2.3
1004 03403		22	19/0.16	0.80	49.8	600 V		4.2	2.6
1004 03304	4 core	24	7/0.20	0.60	83.2	600 V	2R+2W	4.1	3.1
1004 03404		22	19/0.16	0.80	49.8	600 V		4.6	3.5
1004 03306	6 core	24	7/0.20	0.60	83.2	600 V	2R+4W	4.9	4.0
1004 03406		22	19/0.16	0.80	49.8	600 V		5.6	4.3

Note: Part Number shall have T/S/N suffix to denote plating on conductor, For Example 10003402T=2 core, 22AWG, FEP cable with TPC