



HOUSE WIRING

Customization

Customized colour option and printing of the outer sheath on request

Home Wire, IS:694

70°C

RJ 0801

Product Description:

RJ processed using multi-strand flexible house wires with fire resistant properties. Specially formulated insulation, the cable to withstand overloads preventing electric mishaps.

Product Features:

- Does not emit toxic or poisonous fumes

Approvals:



Application:

- House wiring
- Hospital
- Hotels

Product Features:

- Does not emit toxic or poisonous fumes

Make Up:

- Fine strands of electrolytic grade copper wires
- Specially formulated Insulation type A

Colour Codes:

- Red, Yellow, Blue, Black, Green and Grey

Technical Data:

- Based on**
IS 694:2010
- Minimum bending radius**
Oscillating flexing: 15 x cable diameter
Fixed installation: 4 x cable diameter
- Test voltage**
6 KV (Spark Test)
- Range of temperature**
Normal Working Temp.: -20°C up to +70°C
- Packaging:**
90 Meters (approx. 100 yards) pack in protective cartons

Part number	Cross-section mm ²	No. & dia. of wires in mm	Nominal thickness of insulation	Overall diameter max. mm	Current rating		D.C resistance max ohm/km
					Unenclosed amps	In conduit/Trunking amps	
RJ 0801							
0801 00201	0.75	24/0.2	0.6	2.8	8.00	7.00	26.0
0801 00301	1.00	32/0.2	0.6	3.0	12.00	11.00	19.5
0801 00401	1.50	30/0.25	0.7	3.4	16.00	14.00	13.3
0801 00501	2.50	50/0.25	0.8	4.1	22.00	19.00	7.98
0801 00601	4.00	56/0.3	0.8	4.8	29.00	26.00	4.95
0801 00701	6.00	84/0.3	0.8	5.3	37.00	31.00	3.30



HOUSE WIRING

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Home Wire, Fire Retardant

90°C/105°C

RJ 0802

Product Description:

RJ processed using multi-strand flexible house wires with fire resistant properties. Specially formulated insulation, with a high oxygen and temperature index, enables the cable to withstand overloads preventing electric mishaps.

Product Features:

- Flame retardant
- Does not emit toxic or poisonous fumes

Approvals:



Application:

- House wiring
- Hospital
- Hotels
- High rise buildings where fire can be detrimental.

Colour Codes:

- Red, Yellow, Blue, Black, Green and Grey

Make Up:

- Fine strands of electrolytic grade copper wires
- FR/FRLS compund insulation

Packaging:

- 90 Meters (approx. 100 yards) pack in protective cartons

Technical Data:

- **Minimum bending radius**
Oscillating flexing: 15 x cable diameter
Fixed installation: 4 x cable diameter
- **Test voltage**
6 KV (Spark Test)
- **FRLS/Flame Properties**
Oxygen Index as per ASTM D 2863
Temperature Index as per ASTM D 2863
Smoke Density Rating as per ASTM D 2843
HCL Acid Gas Generation as per IEC 754/Pt-1
Flammability Test as per IEEE-383
Swedish Chimney Test as per SEN-SS4241475
Thermal Stability as per IS:10810 Pt. 60
- **Range of temperature**
High Working Temp.: -20 °C up to +90 °C/105 °C

Part number	Cross-section mm ²	No. & dia. of wires in mm	Nominal thickness of insulation	Overall diameter max. mm	Current rating		D.C resistance max ohm/km
					Unenclosed amps	In conduit/Trunking amps	
RJ 0802							
0802 00201	0.75	24/0.2	0.6	2.8	8.00	7.00	26.0
0802 00301	1.00	32/0.2	0.6	3.0	12.00	11.00	19.5
0802 00401	1.50	30/0.25	0.7	3.4	16.00	14.00	13.3
0802 00501	2.50	50/0.25	0.8	4.1	22.00	19.00	7.98
0802 00601	4.00	56/0.3	0.8	4.8	29.00	26.00	4.95
0802 00701	6.00	84/0.3	0.8	5.3	37.00	31.00	3.30



HOUSE WIRING

Customization

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Home Wire, Zero Halogen

90°C/105°C

RJ 0803

Product Description:

RJ processed using multi-strand flexible house wires with fire resistant properties. Specially formulated insulation, with a high oxygen and temperature index, enables the cable to withstand overloads preventing electric mishaps.

Product Features:

- Does not emit toxic or poisonous fumes

Approvals:



Application:

- House wiring
- Hospital
- Hotels
- High rise buildings where fire can be detrimental.

Colour Codes:

- Red, Yellow, Blue, Black, Green and Grey

Packaging:

- 90 Meters (approx. 100 yards) pack in protective cartons

Make Up:

- Fine strands of electrolytic grade copper wires
- Specially formulated ZHFR compound

Technical Data:

- **Minimum bending radius**
Oscillating flexing: 15 x cable diameter
Fixed installation: 4 x cable diameter
- **Test voltage**
6 KV (Spark Test)
- **FRLS/Flame Properties**
Oxygen Index as per ASTM D 2863
Temperature Index as per ASTM D 2863
Smoke Density Rating as per ASTM D 2843
HCL Acid Gas Generation as per IEC 754/Pt-1
Flammability Test as per IEEE-383
Swedish Chimney Test as per SEN-SS4241475
Thermal Stability as per IS:10810 Pt. 60
- **ZHFR Properties**
Corrosivity of gases evolved during combustion pH & conductivity as per IEC-60754-2
- **Range of temperature**
High Working Temp.: -20 °C up to +90 °C/105 °C

Part number	Cross-section mm ²	No. & dia. of wires in mm	Nominal thickness of insulation	Overall diameter max. mm	Current rating		D.C resistance max ohm/km
					Unenclosed amps	In conduit/Trunking amps	
RJ 0803							
0803 00201	0.75	24/0.2	0.6	2.8	8.00	7.00	26.0
0803 00301	1.00	32/0.2	0.6	3.0	12.00	11.00	19.5
0803 00401	1.50	30/0.25	0.7	3.4	16.00	14.00	13.3
0803 00501	2.50	50/0.25	0.8	4.1	22.00	19.00	7.98
0803 00601	4.00	56/0.3	0.8	4.8	29.00	26.00	4.95
0803 00701	6.00	84/0.3	0.8	5.3	37.00	31.00	3.30



HOUSE WIRING

Customization

Customized colour option and printing of the outer sheath on request

Home Wire, Fire Safety

90°C/105°C

RJ 0804



Product Description:

RJ processed using multi-strand flexible house wires with fire resistant properties. Specially formulated insulation, with a high oxygen and temperature index, enables the cable to withstand overloads preventing electric mishaps.

Product Features:

- Flame retardant
- Short circuit proof

Approvals:



Application:

- House wiring
- Hospital
- Hotels
- High rise buildings where fire can be detrimental.

Colour Codes:

- Red, Yellow, Blue, Black, Green and Grey

Packaging:

- 90 Meters (approx. 100 yards) pack in protective cartons

Make Up:

- Fine strands of electrolytic grade copper wires
- PTFE layer on conductor as insulation
- Inner layer of PTFE, Outer sheathing special HR compound

Technical Data:

- **Minimum bending radius**
Oscillating flexing: 15 x cable diameter
Fixed installation: 4 x cable diameter
- **Test voltage**
6 KV (Spark Test)
- **FRLS/Flame Properties**
Oxygen Index as per ASTM D 2863
Temperature Index as per ASTM D 2863
Smoke Density Rating as per ASTM D 2843
HCL Acid Gas Generation as per IEC 754/Pt-1
Flammability Test as per IEEE-383
Swedish Chimney Test as per SEN-SS4241475
Thermal Stability as per IS:10810 Pt. 60
- **ZHFR Properties(on sheath)**
Corrosivity of gases evolved during combustion pH & conductivity as per IEC-60754-2
- **Range of temperature**
High Working Temp.: -20°C up to +90°C/105°C

Part number	Cross-section mm ²	No. & dia. of wires in mm	Nominal thickness of insulation mm		Overall diameter max. mm	Copper Index Kg/Km	D.C. resistance Mam ohm/km
			PTFE	PVC			
RJ 0804							
0804 00201	050	7/0.30	0.25	0.5	2.6	4.6	39
0804 00301	075	7/0.37	0.25	0.6	3.0	6.9	26
0804 00401	1.00	7/0.43	0.25	0.6	3.2	9.2	19.5
0804 00501	1.50	7/0.52	0.25	0.6	3.5	13.8	13.3
0804 00601	2.00	7/0.60	0.27	0.6	3.8	18.4	9.98
0804 00701	2.50	7/0.68	0.30	0.8	4.6	23.0	7.98
0804 00801	4.00	7/0.85	0.35	1.0	5.6	36.8	4.95
0804 00901	4.50	7/0.91	0.40	1.0	6.0	41.4	4.4
0804 01001	6.00	7/1.02	0.40	1.0	6.5	55.2	3.3