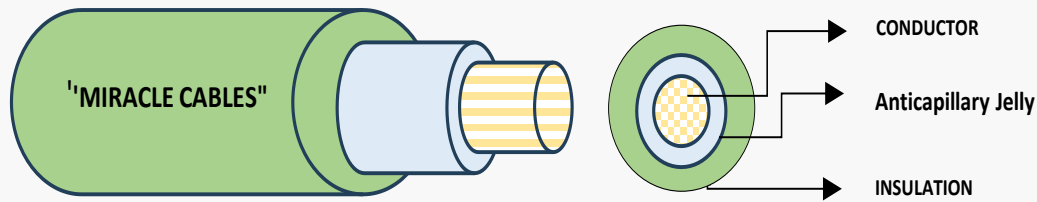


ANTICAPILLARY CABLES

Image :



REACH | RoHS | CE

Application

- These cables are affected by the anti-capillary effect of high-pressure hot oil. Leaks from Air condition compressors to circuit boards
- This replaces the conventional usage of expensive water blocking and waterproofing
- These wires protect the vital sensors in automobiles and electronic devices in automobiles by preventing the flow of liquids and fluids.

Technical Data

- Temperature Range : -40°C to +125°C (ISO 6722-1)
- Voltage : 60V DC
- Thermal Life, Heat Shock, Shrinkage, Ozone Resistance, Volume Resistivity etc as per ISO 6722-1.
- Hot Oil (ASTM1) : No breakdown at 1kV
- Battery Acid Resistance : <1% swell
- Auto Transmission Fluid (Dexon III) : No breakdown at 1kV
- Hydrolysis: Pass (35 days, 85°C, 48V)
- Salt Spray test as per ASTM B 117-73: Satisfactory
- Specification: ISO 6722-1
- Meets customer-specific pressure test against water and different fluids, solvents, oil etc.

Cable Construction

- Conductor: Annealed Tinned (or) Plain Copper Conductor.
- Filling : Specially Formulated Barrier Sealing Compound
- Insulation : Special polymer Pvc
- Insulation Colour: As Per Customer required
- Single core, single-layer insulation

Properties

- High and low temperature resistance,
- Ozone and weathering resistance
- Insulation is resistant to most of the oils used in 2-wheelers, passenger cars, trucks, and oil leaks from AC compressors
- flame retardant, Horizontal flame
- Fluid block resistance.
- meets customer-specific pressure test against water & different fluids, solvents, oil, etc.

TABLE-1

Part No.	Nom. Cross Section Area (Sq. mm)	No. of Strands	Diameter of Single wire max.	Insulation Wall Thickness Nom(min)	Cable Diameter min(mm)	Cable Diameter max(mm)	Approx Cable Weight (kg/km)
2601T03501	0.35	7	0.27	0.25	1.20	1.40	5
2601T00501	0.5	19	0.19	0.28	1.40	1.60	7
2601T07501	0.75	19	0.24	0.30	1.70	1.90	9
2601T01001	1.0	19	0.27	0.30	1.90	2.10	11
2601T012501	1.25	19	0.30	0.30	2.10	2.30	15
2601T01501	1.5	19	0.33	0.30	2.20	2.40	17
2601T02001	2	19	0.38	0.35	2.50	2.80	22
2601T02501	2.5	37	0.28	0.35	2.70	3.00	27
2601T04001	4	37	0.38	0.40	3.40	3.70	43
2601T06001	6	37	0.45	0.40	4.00	4.30	62

Application Area :

