



ADHAR INSTRUMENTS & SERVICES



Cables

Cables:

The cables for vibrating wire instruments are designed considering several factors depending on site requirements. The cable for this application should have superior conductor like copper, steel etc. The cables should be water proof, heavy duty and proper wire mesh to withstand the external load. Since VW instruments are installed in inaccessible locations where replacement and rectification is not possible, the life of instruments is dependant of cable and hence cable should be of best quality. All general purpose cables cannot be used for this application.

Applications:

- With vibrating wire instruments in different application like dam, tunnel, underground etc.

2016

Specifications:

4-Core AIS-1810	7/0.34mm annealed bared copper, 4-core cable in red, black, white and green, petroleum jelly filled, 0.9mm ² galvanized steel wire armoured, polythene sheathed, 8 to 13mm outer dia 0.35Kg/m approximate weight.
10-Core AIS-1811	0.35mm ² annealed bared copper, 10-core petroleum jelly filled, 0.9mm ² galvanized steel wire armoured, polythene sheathed, 10 to 16mm outer dia 0.45Kg/m approximate weight.
20-Core AIS-1812	0.38mm ² annealed bared copper, 10-core petroleum jelly filled, 0.9mm ² galvanized steel wire armoured, polythene sheathed, 14 to 18mm outer dia 0.55Kg/m approximate weight.
40-Core AIS-1813	0.38mm ² annealed bared copper, 10-core petroleum jelly filled, 0.9mm ² galvanized steel wire armoured, polythene sheathed, 16 to 20mm outer dia 0.65Kg/m approximate weight.