





## Shielded Cables Multicore Flexible Shielded Cables



### Shielded Cables (Multicore Flexible Shielded Cables)

Core Colours	:  upto 4 cores,  Black with white numbering + yellow/green
Sheath Colour	: Grey, Black and White
Conductor	: Annealed Bare Copper as per IS 8130
Insulating PVC	: Type A conforming to IS 5831
Shielding	: Aluminium Mylar taped wrapped, over all laid up cores alongwith annealed tinned copper drain wire. In case of multipairs / multitriads individual pair/triad is wrapped with Aluminium Mylar tape alongwith drain wire and identification of pair/triad is done by numbered black core.
PVC Sheath	: Type ST-1 conforming to IS 5831. HR, FR and FRLS sheathing can be provided as per requirement.
Rated Voltage	: 300/500 V
Test Voltage	: 1000 V A.C. for 1 minutes.
Min. Bending Radius	: 6 times the overall diameter of cable
Tensile Strength	: 12.50 N per sq. mm of PVC insulation and sheath
Max. Working Temp.	: 70°C, also available for 85°C and 105°C as per requirement.
Max. Short Circuit Temp.	: 160°C
Minimum Laying Temp.:	: -15°C
Application	: Is suitable for interconnection of electrical measuring devices to instrument panel or instrument. Measuring, monitoring and control in machine tool manufacturing, in plant engineering, in all places where electrical interference fields can distort a signal transmission or where interference pulses arising in the mains must be confined.