LOAD CELL CABLE

Tempsens provide Load cell cables generally of 4 cores and 6 cores. In industries multiple load cells are need to be connected together by Parallel or serial connection for that Load cell cables are required. A six wire load cell cable, besides having +/- excitation and +/- signal lines also has +/- sense lines. It is a common misconception that the possibility to sense the actual voltage at the load cell is the only difference between 4 wire and 6 wire load cell cable.

SPECIFICATIONS

Conductor Type	:	Electrolytic Stranded Annealed Bare Copper Conductor, Tinned Plated Copper, Nickel Plated Copper, Silver Plated Copper
Conductor Size	:	AWG 24,22,20,18 or as per customer requirement
Insulation Material	:	PVC, HR PVC, PE, LSZH, PTFE, FEP
Color	:	Different Colors
Isolator	:	Polyimide Tape / Polyester Tape
Foil Shield (Optional)	:	Aluminum foil with drain wire
Overall Metal Shielding	:	Tinned Plated Copper Shielding / Bare Copper Shielding
Outer Sheath	:	PVC, FRPVC, FRLS PVC, LSZH, PTFE, FEP
Outer Sheath Color	:	Gray, Black, Blue or as per customer requirement

FEATURES

- ✓Operating Temp. Range : For PVC Cable up to 90°C
- ✓Operating Temp. Range : For PTFE Cable up to 260°C
- ✓Conductor Resistance at 20°C : - As per Table 4
- ✓RFI and EMI protected
- ✓Water Resistance
- ✓Excellent durability
- ✓Custom design
- ✓Voltage Grade : 600V
- ✓Superior chemical and abrasion resistance.

AVAILABLE OPTIONS

- ✓ Different Color Code as per Customer Requirement
- ✓ Covering of Metal Braiding at outer sheath
- ✓ UV Resistance Outer Sheath
- ✓ Anti Termite & Anti Rodent sheath
- ✓ Armoured Cable
- ✓ Voltage Grade upto 1.1KV

ORDERING CODE

Type of Insulation (LXX)	Type of Conductor (XXX)	Conductor Size(AWG) (XX)	Number Of Core (XX)	Cable Formation (X)
P0 PE T0 FP	BC0 NPC TPC SPC	24 22 20 18 16	04 06 07	T-(Twisted)

Note : P0 (PVC), PE (Polyethylene),T0 (PTFE), FP (FEP)
BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper)