



XTRA-CAB
Cable With Extra Care

INSTRUMENTATION CABLES

(Armoured & Unarmoured)

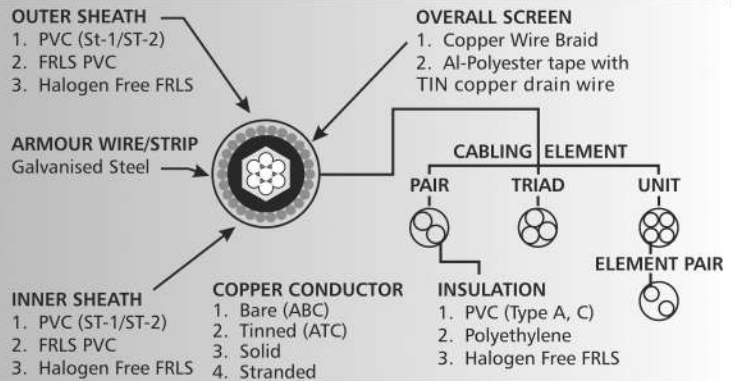
XTRA-CAB Instrumentation Cables ensure Smooth Communication of low level signals from electronic transmitters to the control room. These cables effectively cut down any distortion or cross talk. The superior Aluminium Mylar shielding (optional) ensures almost complete elimination of any noise. These cables are widely used in core industries like Petrochemicals, Steel, Aviation, Fire Alarm Systems, Refineries, pharmaceuticals, Thermal Power Projects, Chemical Plants, Transmission Systems, Computer Controlled Electrical & Electronic Equipments Etc.

Signal cables are imperative when you want to keep the signal to noise ratio and the capacitance to the minimum in presence of stray magnetic fields. They are used in sensitive areas where accurate data inputs are necessary viz. Electronic Industries and Nuclear Power Plants.

RTD (Remote Temperature Detection) cables carry temperature readings from remote or inaccessible areas to the control room.

The growing sophistication of the electronic industry continues to create a need for specially designed cables for use with computer-controlled electrical and electronic equipment. To satisfy requirements for impedance matching, lower bit error rates, lower crosstalk, longer transmission distances and high signal purity, we are manufacturing an expanding spectrum of instrumentation, data and control cables in full range of sizes, insulations of different types, shields types for special installations. We can also armour these cables for mechanical protection

TYPICAL INSTRUMENTATION CABLE CONSTRUCTION :



APPLICATION	TYPE & SIZE	OPTIONS
INSTRUMENTATION SIGNAL CABLES FOR PROCESS CONTROL AND INSTRUMENTS	PVC Sheathed 225/650/1100 V grade cables as per BS : 5308 DIN / VDE 0815 & 816 IS : 1554 / IEC 189 / ENI 0181.00 and Customer Specification Size : 0.2 to 300 Sq. mm.	CONDUCTOR - Stranded/Solid, Bare/Tinned/Silver. INSULATION -PVC/HR PVC/P. E. / Zero Halogen/Silicone SHIELDING -Individual elements by Aluminium Polyester Screen with ATC drain wire / overall or alternately copper wire Braid Shielding as specified. ELEMENTS -Pair / Triples / Quads, Colour code/Number printed INNER SHEATH- PVC / HR / FR PVC / Zero Halogen UNARMOURED / ARMOURED- G. S. Round Wire/Flat Strip OUTER SHEATH - PVC / FR PVC / FRLS / Zero Halogen