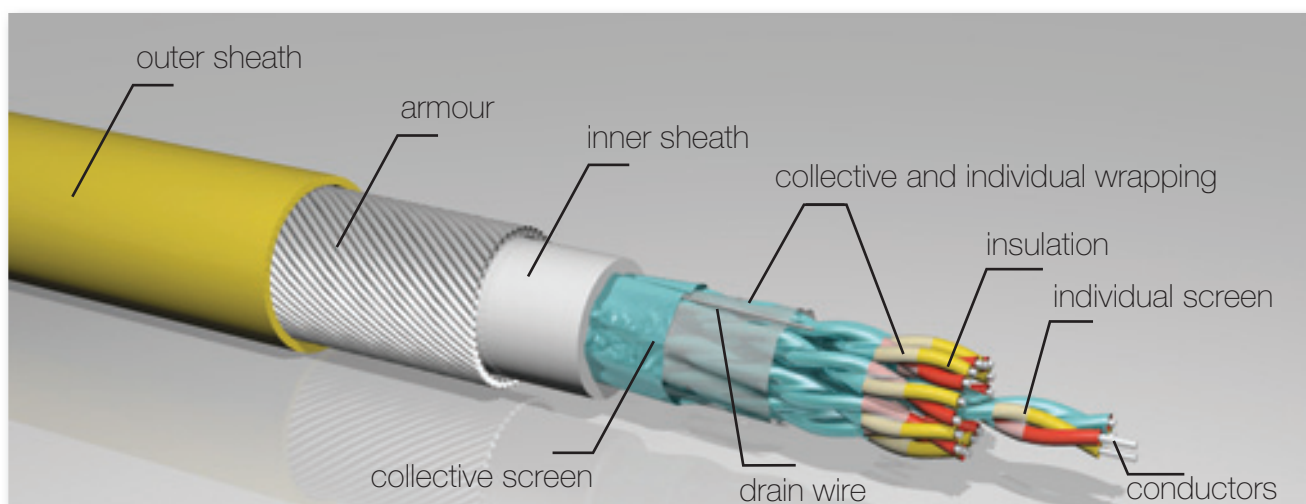


THERMOCOUPLE ARMoured CABLES WITH INDIV. AND COLLECTIVE SCREEN



BS: N1CR-N1/PVC/1SCR/OSCR/PVC/SWA/PVC - **VDE:** Y(St)YRY PiMF - **UNEL:** UR2XHOHRFR

SPECIFICATIONS: in accordance with BS 5308 PART 2 TYPE 2 - PVC insulated

CONDUCTORS:

Solid NiCr/Ni conductors (KX) acc. to BS 6360.

INSULATION:

PVC insulation acc. to BS 7655.

CORES IDENTIFICATION BY COLOURS:

Colours coded in accordance with ANSI MC 96.1 (Table 6)
Positive: yellow. Negative: red (numbered for multipair).

INDIVIDUAL SCREEN:

Tinned copper drain wire 20 AWG under and in contact with AL/PETP laminated tape applied metallic side down.

WRAPPING:

PETP tape (23µm) 50% overlap.

COLLECTIVE SCREEN:

Tinned copper drain wire 20 AWG under and in contact with AL/PETP laminated tape applied metallic side down.

INNER SHEATH:

PVC inner sheath acc. to BS 7655.

ARMOUR:

Mild galvanized steel wires acc. to BS 1442.

OUTER SHEATH:

PVC outer sheath acc. to BS 7655.
Sheath colour: Yellow RAL 1021, acc. to ANSI MC 96.1 (Table 6)

FIRE CHARACTERISTICS:

Flame retardant acc. to BS 4066/ IEC 60332 part 1.

VOLTAGE RATING:

300/500V.

OPERATING TEMPERATURE:

-30° C up to +70°C.

MINIMUM BENDING RADIUS:

Cable outer diameter x 8 / 8,5.

APPLICATIONS

These thermocouple cables are utilized to connect different type of thermocouples in industrial plants as refineries, oil and petrol plants. They are suitable for chemical and petrochemical environments. These armoured cables are also suitable for direct burial applications.

ON REQUEST

Conductors: Jx-Tx-Vx-Wx-Sx-Rx.
Steel tape or steel wires braid armour.
Halogen-free materials.
Fire resistant cables.
Core colours on request.

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TYPE number of pairs x cross section	AGW SIZE	NOMINAL DIAMETER UNDER ARMOUR	ARMOUR WIRE DIAMETER	OUTHER SHEATH THICKNESS	OUTER DIAMETER Ø	AVERAGE WEIGHT
n x mm ²		mm	mm	mm	mm	Kg x Km
1P	16	7,4	0,9	1,3	11,6	210
2P	20	10,2	0,9	1,4	14,6	310
5P	20	13,5	1,2	51,5	18,9	550
10P	20	18,6	1,2	51,7	24,4	900
15P	20	21,5	1,6	1,7	28,1	1210
20P	20	23,9	1,6	1,8	30,7	1490
30P	20	28,8	1,6	1,9	35,7	2090
50P	20	37,6	2	2,2	45,9	3410

P is for: Pair/s