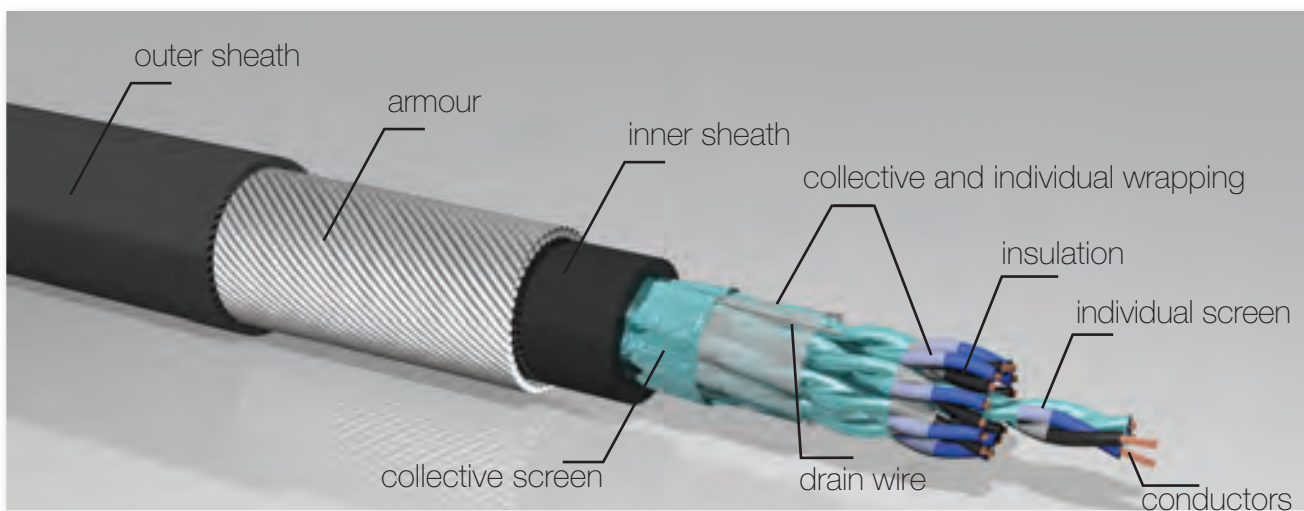


MULTIPAIR ARMoured CABLES WITH INDIV. AND COLLECTIVE SCREEN - LSZH



BS: CU/PE/ISCR/OSCR/LSZH/SWA/LSZH - **VDE:** 2Y(St)HRH - PIMF - **UNEL:** REHM1FM1

SPECIFICATIONS: in accordance with **BS 5308 PART 1 TYPE 2 - PE / LSF**

CONDUCTORS:

Stranded (class2) or flexible (class 5) copper wires according to BS 6360.

INSULATION:

Polyethylene insulation type 03 acc. to BS 6234.

PAIRS IDENTIFICATION BY COLOURS:

Pairs: black numbered - blue.

INDIVIDUAL SCREEN:

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

SCREEN ISOLATION TAPE:

Numbered PETP tape applied over each individually screened pair.

WRAPPING:

PETP tape (23µm) 50% overlap.

COLLECTIVE SCREEN:

Tinned copper drain wire under and in contact with AL/PETP (25µm/23µm) laminated tape applied metallic side down.

INNER SHEATH:

LSF inner sheath acc. to BS 6724/ BS 6425 Part 1 (Tables 11 and 12). Colour: black.

ARMOUR:

Mild galvanized steel wires acc. to BS EN10257-1.

OUTER SHEATH:

LSF outer sheath acc. to BS 6724/ BS 6425 (Tables 11 and 12) Sheath colour: Black RAL 9005.

FIRE CHARACTERISTICS:

Flame retardant acc. to BS 4066/ IEC 60332 part 3 category C (NMV1.5). Will also meet BS 4066/ IEC 60332 part 3 category A (NMV7).

VOLTAGE RATING:

300/500V.

OPERATING TEMPERATURE:

-40°C up to +70°C.

MINIMUM BENDING RADIUS:

Cable outer diameter x 8 / 8,5

APPLICATIONS

These armoured cables are designed to connect electrical instrument circuits and to provide communication service in and around process plants. These cables are suitable for direct burial applications and are utilized in areas where fire could create dense smoke and toxic fumes. They are ideal for the petrochemical industry.

ON REQUEST

Steel tape or steel wires braid armour.
Fire resistant cables.
Core colours on request.

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TYPE number of pairs/ triples x cross sect.	CONDUCTOR CONSTRUCTION	INSULATION THICKNESS	NOMINAL DIAMETER UNDER ARMOUR	ARMOUR WIRE DIAMETER	OUTER DIAMETER Ø	AVERAGE WEIGHT
n x mm ²	n x mm	mm	mm	mm	mm	Kg x Km
2P x 0,50	16 x 0.20	0.6	12.0	0.90	16.8	458
5P x 0,50	16 x 0.20	0.6	15.2	1.25	20.9	760
10P x 0,50	16 x 0.20	0.6	21.1	1.60	27.9	1297
20P x 0,50	16 x 0.20	0.6	27.3	1.60	34.3	1872
30P x 0,50	16 x 0.20	0.6	32.3	2.00	40.5	2721
50P x 0,50	16 x 0.20	0.6	41.7	2.50	51.5	4700
2P x 0,75	24 x 0.20	0.6	12.8	0.90	17.6	499
5P x 0,75	24 x 0.20	0.6	16.3	1.25	22.0	920
10P x 0,75	24 x 0.20	0.6	22.7	1.60	29.5	1610
20P x 0,75	24 x 0.20	0.6	29.8	2.00	37.8	2417
30P x 0,75	24 x 0.20	0.6	35.3	2.00	43.9	3130
50P x 0,75	24 x 0.20	0.6	45.0	2.50	55.0	4920
2P x 1,5	7 x 0.53	0.6	14.7	1.25	20.4	730
5P x 1,5	7 x 0.53	0.6	18.8	1.60	25.4	1178
10P x 1,5	7 x 0.53	0.6	26.5	1.60	33.5	1820
20P x 1,5	7 x 0.53	0.6	34.4	2.00	42.6	3033
30P x 1,5	7 x 0.53	0.6	41.0	2.50	50.8	4591
50P x 1,5	7 x 0.53	0.6	52.2	2.20	62.6	6190

P is for: Pair/s.