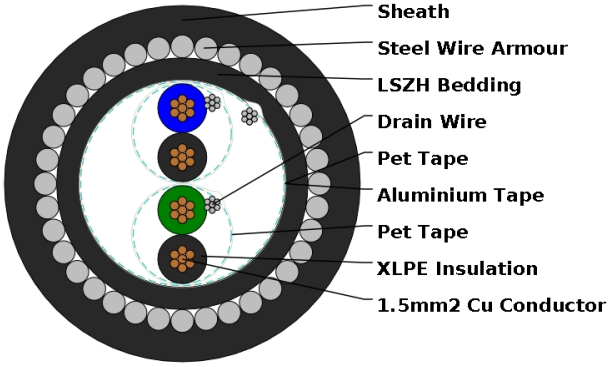
METSEC CABLES LIMITED

1.5 SQ MM 2 PAIR INDIVIDUAL & OVERALL SCREENED ARMOURED CU/XLPE/IS /OS/LSZH/SWA/LSZH



Application: The armoured LSOH versions (Part 1 Type 2) are generally used when the risk of mechanical damage is increased. The galvanised steel wire armour provides excellent protection. Generally used within industrial process manufacturing plants for communication, data and voice transmission signals and services, also used for the interconnection of electrical equipment and instruments, the LSOH sheath can reduce toxic smoke and fume emission.

Conductor: Circular stranded copper wire to IEC60228, class 2

Stranding: 1.5mmsq =7/0.53 mm

Size	**2 X 2 X 1.5MM^2 CU/XLPE/IS/OS/LSZH/SWA/LSZH**	**Type: Instrumentation cable**	
		Standard : BS 5308-1 &2 EN 60332-1,60228	
Code: 2*2*1.5		**METSEC CABLES LTD**	
Sr.	**Description**	**Thickness mm**	**Approx. Diameter mm**
	Copper size/strands		0.53/7
	Core diameter		3.10
	Insulation thickness	0.70	
	Polyester clear tape	0.05*20	
	Drain wire (Bare tinned copper)		0.5/7
	Overall aluminium foil size	0.05*20	
	Extruded thickness	1.20	
	Armour wire size		1.25
	Sheath thickness	1.60	

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TECHNICAL SPECIFICATION

	DESCRIPTION	Units	Particulars offered
	Voltage rating	Volts	300/500
	Material of conductor	Stranded Copper	Stranded Copper
	Cores copper size	No/mm	7/0.53
	Insulation material		XLPE compound
	Insulation thickness	mm	0.70
	Cores diameter	mm	3.10
	Cores identification Colour codes		Black Blue Black Green
	Conductor Resistance at 20˚c	Ω/Km	12.3
	Number of Pair	No.	2 Pairs
	Polyester clear tape	mm	0.05*20
	Drain wire (tinned copper)	No/mm	7/0.5
	Aluminium foil	mm	0.05*20
	Inner sheath bedding material		Thermoplastic LSZH
	Extruded bedding thickness	mm	1.20
	Armour wire	mm	1.25
	Sheath thickness	mm	1.60
	Sheathing material		Thermoplastic LSZH
	Outer sheath colour		Black
	Approximately Overall Diameter	mm	18.19
	Approximately cable weight	Kg/km	389.82
	Standard cable length	M	1000 ± 5 %
	Marking	Printed	AS PER CUSTOMER'S REQUEST
	Packing details		Rewinded in wooden drum to protect the cable from any mechanical damage

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