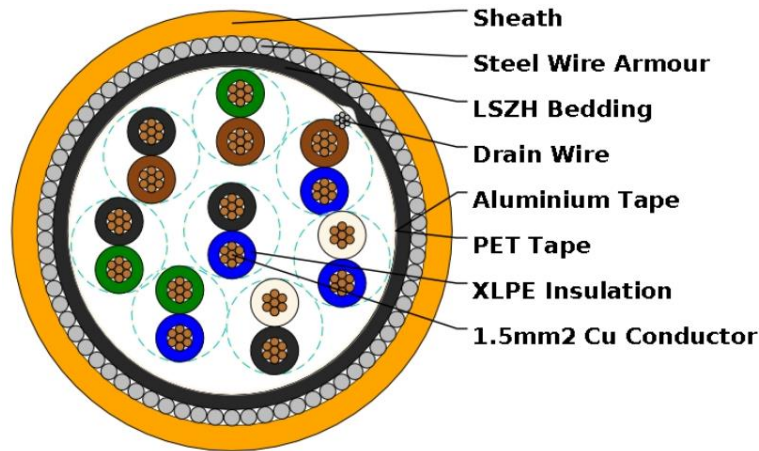


1.5 SQ MM 8PAIR INSTRUMENTATION ARMoured

CU/XLPE /OS/LSZH/SWA/LSZH



Application: The armoured LSOH versions 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	8 X 2 X 1.5MM ² CU/XLPE/OS/LSZH/SWA/LSZH	Type: Instrumentation cable	
		Standard : BS 5308-1 &2 EN 60332-1,60228	
Code: 8*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 x 20	
	Drain wire (Bare tinned copper)		0.5/7
	Overall aluminium foil size	0.05 x 20	
	Extruded thickness	1.2	
	Armour wire size		1.25
	Sheath thickness	1.60	



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		<table><tr><td>BLACK</td><td>BLUE</td></tr><tr><td>BLACK</td><td>GREEN</td></tr><tr><td>BLUE</td><td>GREEN</td></tr><tr><td>BLACK</td><td>BROWN</td></tr><tr><td>BLUE</td><td>BROWN</td></tr><tr><td>GREEN</td><td>BROWN</td></tr><tr><td>BLACK</td><td>WHITE</td></tr><tr><td>BLUE</td><td>WHITE</td></tr></table>	BLACK	BLUE	BLACK	GREEN	BLUE	GREEN	BLACK	BROWN	BLUE	BROWN	GREEN	BROWN	BLACK	WHITE	BLUE	WHITE
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BLACK	WHITE																		
BLUE	WHITE																		
	Conductor Resistance at 20°c	Ω/Km	≤ 12.1																
	Number of Pair	No.	8 Pair																
	Polyester clear tape	mm	0.05 x 20																
	Drain wire (tinned copper)	No/mm	7/0.5																
	Aluminium foil	mm	0.05 x 20																
	Inner sheath bedding material		Thermoplastic LSZH																
	Extruded bedding thickness	mm	1.20																
	Armour wire	mm	1.25																
	Sheath thickness	mm	1.50																
	Sheathing material		Thermoplastic LSZH																
	Outer sheath colour		Orange																
	Approximately Overall Diameter	mm	27.00																
	Approximately cable weight	Kg/km	1140																
	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																

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for products set forth our standard terms and conditions of sale

