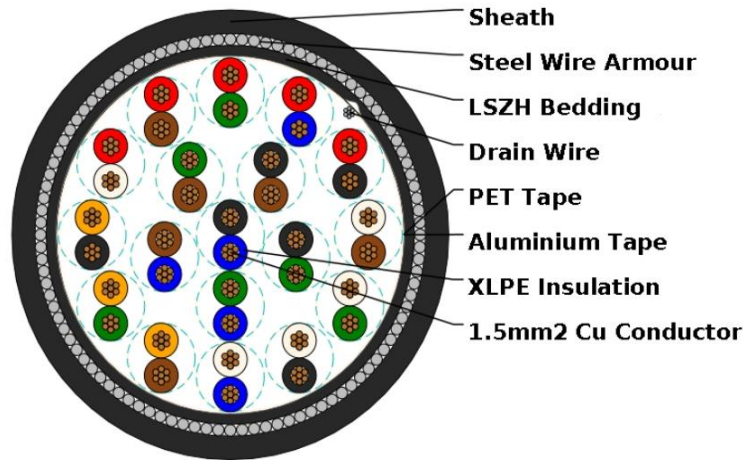


## 1.5 SQ MM 18PAIR INSTRUMENTATION ARMoured

### 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	18 X 2 X 1.5MM <sup>2</sup> CU/XLPE/OS/LSZH/SWA/LSZH	Type: Instrumentation cable	
		Standard : BS 5308-1 &2 EN 60332-1,60228	
Code: 18*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	1.50	
	Armour wire size		1.60
	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		BLACK	BLUE
BLACK			GREEN	
BLUE			GREEN	
BLACK			BROWN	
BLUE			BROWN	
GREEN			BROWN	
BLACK			WHITE	
BLUE			WHITE	
GREEN			WHITE	
BROWN			WHITE	
BLACK			RED	
BLUE			RED	
GREEN			RED	
BROWN			RED	
WHITE			RED	
BLACK			ORANGE	
BLUE			ORANGE	
GREEN			ORANGE	
	Conductor Resistance at 20°c	Ω/Km	≤ 12.1	
	Number of Pair	No.	18 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	1.50	



## TECHNICAL SPECIFICATION

	DESCRIPTION	Units	Particulars offered
	Armour wire	mm	1.60
	Sheath thickness	mm	1.90
	Sheathing material		Thermoplastic LSZH
	Outer sheath colour		Black
	Approximately Overall Diameter	mm	34.00
	Approximately cable weight	Kg/km	2150
	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

