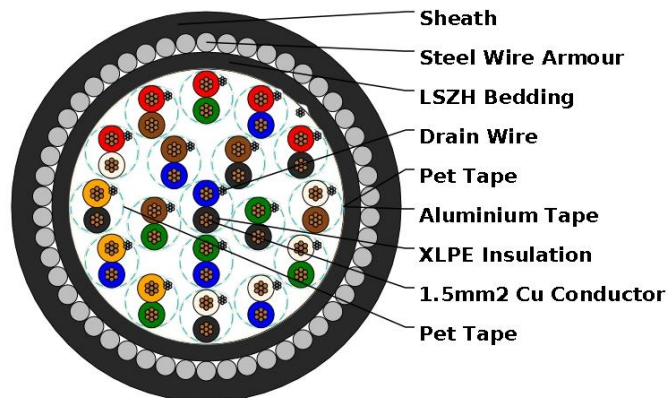


1.5 SQ MM 18 PAIR INDIVIDUAL & OVERALL SCREENED ARMoured
CU/XLPE/IS /OS/LSZH/SWA/LSZH



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 18 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*18*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	1.70	
	Armour wire size		2.00
	Sheath thickness	2.10	



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	12.3	
	Number of Pair	No.	18 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	1.70	
	Armour wire	mm	2.00	
	Sheath thickness	mm	2.10	
	Sheathing material		Thermoplastic LSZH	
	Outer sheath colour		Black	
	Approximately Overall Diameter	mm	36.50	
	Approximately cable weight	Kg/km	1366.18	
	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

