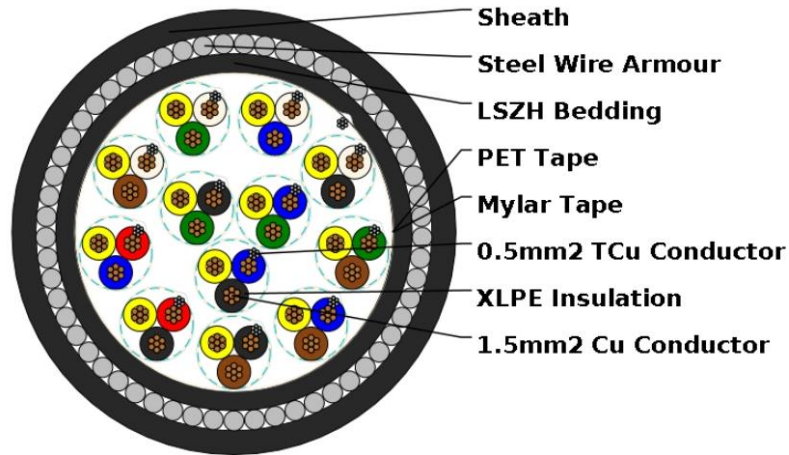


## 1.5 SQ MM 12TRIAD INSTRUMENTATION ARMoured

### 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

<b>Size</b>	<b>12 X 3 X 1.5MM<sup>2</sup> CU/XLPE/OS/LSZH/SWA/LSZH</b>	<b>Type: Instrumentation cable</b>	
		Standard : BS 5308-1 & 2 EN 60332-1,60228	
Code: 12*3*1.5		<b>METSEC CABLES LTD</b>	
<b>Sr.</b>	<b>Description</b>	<b>Thickness mm</b>	<b>Approx. Diameter mm</b>
	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	1.90	



## 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 border="1"> <tbody> <tr><td>BLACK</td><td>BLUE</td><td>YELLOW</td></tr> <tr><td>BLACK</td><td>GREEN</td><td>YELLOW</td></tr> <tr><td>BLUE</td><td>GREEN</td><td>YELLOW</td></tr> <tr><td>BLACK</td><td>BROWN</td><td>YELLOW</td></tr> <tr><td>BLUE</td><td>BROWN</td><td>YELLOW</td></tr> <tr><td>GREEN</td><td>BROWN</td><td>YELLOW</td></tr> <tr><td>BLACK</td><td>WHITE</td><td>YELLOW</td></tr> <tr><td>BLUE</td><td>WHITE</td><td>YELLOW</td></tr> <tr><td>GREEN</td><td>WHITE</td><td>YELLOW</td></tr> <tr><td>BROWN</td><td>WHITE</td><td>YELLOW</td></tr> <tr><td>BLACK</td><td>RED</td><td>YELLOW</td></tr> <tr><td>BLUE</td><td>RED</td><td>YELLOW</td></tr> </tbody> </table>	BLACK	BLUE	YELLOW	BLACK	GREEN	YELLOW	BLUE	GREEN	YELLOW	BLACK	BROWN	YELLOW	BLUE	BROWN	YELLOW	GREEN	BROWN	YELLOW	BLACK	WHITE	YELLOW	BLUE	WHITE	YELLOW	GREEN	WHITE	YELLOW	BROWN	WHITE	YELLOW	BLACK	RED	YELLOW	BLUE	RED	YELLOW
BLACK	BLUE	YELLOW																																				
BLACK	GREEN	YELLOW																																				
BLUE	GREEN	YELLOW																																				
BLACK	BROWN	YELLOW																																				
BLUE	BROWN	YELLOW																																				
GREEN	BROWN	YELLOW																																				
BLACK	WHITE	YELLOW																																				
BLUE	WHITE	YELLOW																																				
GREEN	WHITE	YELLOW																																				
BROWN	WHITE	YELLOW																																				
BLACK	RED	YELLOW																																				
BLUE	RED	YELLOW																																				
Conductor Resistance at 20°c	Ω/Km	12.3																																				
Number of Pair	No.	12 Triple																																				
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	32.00
Approximately cable weight	Kg/km	2100
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

