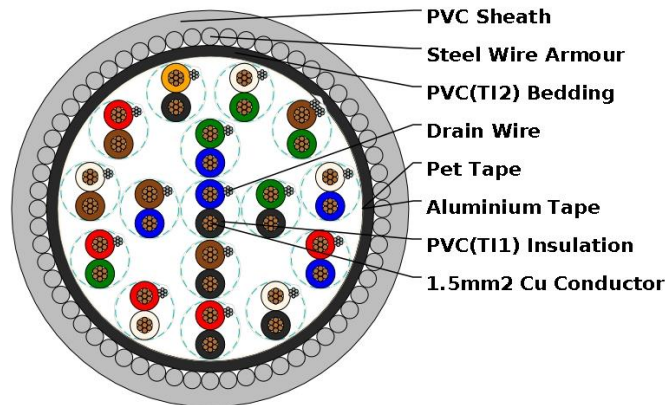


## 1.5 SQ MM 16 PAIR INDIVIDUAL & OVERALL SCREENED ARMoured CU/PVC/IS /OS/PVC/SWA/PVC



**Application:** The armoured versions (Part 2 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, typically in chemical or petrochemical industry. The armoured versions are generally use for outdoor installation for direct burial or installed in the duct and suitable for wet and damp areas

**Conductor:** Circular stranded copper wire to IEC60228, class 2

**Stranding:** 1.5mmsq =7/0.53 mm

<b>Size</b>	<b>2 X 16 X 1.5MM<sup>2</sup></b> <b>CU/PVC/IS /OS/PVC/SWA/PVC</b>	<b>Type: Instrumentation cable</b>	
		Standard : BS 5308-1 &2 EN 60332-1,60228	
<b>Code:</b> 2*16*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		2.80
	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	1.0	
	Armour wire size		1.6
	Sheath thickness	1.6	



## 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		PVC Compound																																
Insulation thickness	mm	0.70																																
Cores diameter	mm	2.80																																
Cores identification Colour codes		<table border="1"> <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> <tr><td>Green</td><td>White</td></tr> <tr><td>Brown</td><td>White</td></tr> <tr><td>Black</td><td>Red</td></tr> <tr><td>Blue</td><td>Red</td></tr> <tr><td>Green</td><td>Red</td></tr> <tr><td>Brown</td><td>Red</td></tr> <tr><td>White</td><td>Red</td></tr> <tr><td>Black</td><td>Orange</td></tr> </table>	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
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																																	
Conductor Resistance at 20°c	Ω/Km	12.3																																
Number of Pair	No.	16Pairs																																
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		PVC Compound																																
Extruded bedding thickness	mm	1.00																																
Armour wire	mm	1.60																																
Sheath thickness	mm	1.60																																
Sheathing material		PVC Compound																																
Outer sheath colour		Grey																																
Approximately Overall Diameter	mm	28.63																																
Approximately cable weight	Kg/km	1004.28																																
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

