

# BTC IBERICA, S.A.

Specialist Instrumentation and Thermocouple Cable Manufacturers

<b>Our Ref.</b>	p-	<b>Date:</b>	27/01/2020	<b>Sheet nº</b>	1	<b>of</b>	1	<b>Quantity</b>	500 metres
<b>Customer</b>	UTECO	<b>Your ref.</b>	-						
<b>Cable type</b>	IEC 60502-1 CU/PVC/OSCR/PVC/DST/PVC			06/1KV	12	x	2	x	2,50 mm <sup>2</sup> + 0,50 mm <sup>2</sup>
<b>Cores:</b>	Copper		Composition		7	x	0,67	mm	
<b>Resistance</b>	7,41	Ohm/km max.							
<b>Mutual Capacitance</b>	0,22	µF/km	<b>L/R Ratio adjacents cores</b>					60	mH/km
<b>Insulation</b>	PVC 90 Deg C	Thickness	0,80	mm	All				
<b>Cores colour</b>	As per specification								
All conductors numbered each 300 mm.									
<b>Cores twisted in</b>	pairs								
0									
	Pairs twisted		Diameter	24,4	mm				
<b>Communication wire 1x0,50 mm2</b>	Copper	Composition		7	x	0,30	mm		
	PVC 90 Deg C	<b>Colour</b>						As per specification	
<b>Overall shield</b>	Aluminium/polyester tape of	0,05	mm thickness						
	with tinned copper drain wire of	7	x	0,3					
<b>Inner sheath</b>	PVC	<b>Thickness</b>	1,00	mm	<b>Colour</b>			Black	
<b>Metal armour</b>	Galvanized Steel tape	<b>Covering</b>	125	%					
	<b>Tape thickness</b>	0,20	mm						
<b>Overall sheath</b>	PVC TM3. 105°C	<b>Thickness</b>	1,80	mm	<b>Colour</b>			As per specification	
<b>Overall diameter</b>	31,1	mm	<b>Diameter under armour</b>	26,7	mm	<b>Weight</b>		1.582,0	K/km
Dimension Tolerance -7, +7%									

Oil Resistance to ICEA S-82-552 (4h, 70°C)

Flame Retardant to IEC 60332-3-22

Sunlight Resistance to UL 1581-1200

<b>GROSS WEIGHT</b>	791	<b>Kgrs</b>
1 <b>DRUMS TYPE</b>	12	
	125 x 125 x 80	

\* This Technical Data Sheet is only for information purposes. After the Client Purchasing order, BTC Ibérica will send a Manufacturing Data Sheet with all accurate dimensions and characteristics to be manufactured. There may be differences between this Technical Data Sheet and the Manufacturing Data Sheet.