

BTC IBERICA, S.A.

Specialist Instrumentation and Thermocouple Cable Manufacturers

Our Ref.	p-	Date:	27/01/2020	Sheet nº	1	of	1	Quantity	1.500 metres
Customer	UTECO	Your ref.	-						
Cable type	IEC 60502-1 CU/PVC/OSCR/PVC/DST/PVC			06/1KV	6	x	2	x	2,50 mm ² + 0,50 mm ²
Cores:	Copper		Composition		7	x	0,67	mm	
Resistance	7,41	Ohm/km max.							
Mutual Capacitance	0,22	µF/km	L/R Ratio adjacents cores					60	mH/km
Insulation	PVC 90 Deg C	Thickness	0,80	mm	All				
Cores colour	As per specification								
All conductors numbered each 300 mm.									
Cores twisted in	pairs								
0									
	Pairs twisted		Diameter	18,4	mm				
Communication wire 1x0,50 mm2	Copper	Composition	7	x	0,30	mm			
	PVC 90 Deg C	Colour				As per specification			
Overall shield	Aluminium/polyester tape of	0,05	mm thickness						
	with tinned copper drain wire of	7	x	0,3					
Inner sheath	PVC	Thickness	1,00	mm	Colour	Black			
Metal armour	Galvanized Steel tape	Tape thickness	0,20	mm	Covering	125	%		
Overall sheath	PVC TM3. 105°C	Thickness	1,80	mm	Colour	As per specification			
Overall diameter	25,1	mm	Diameter under armour	20,7	mm	Weight	995,0	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

GROSS WEIGHT	1.492	Kgrs
1 DRUMS TYPE	16	
	165 x 165 x 110	

* 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.