

BS 7917 MULTICORES

Cable Standard	Instrument Cable BS 7917
Voltage	600/1000V
Description	Tinned Copper, Single & Multi Core, Mica, EPR- Insulation, Braid, SW4 Sheath
Cable type	BS 7917

Electrical data a 20°C

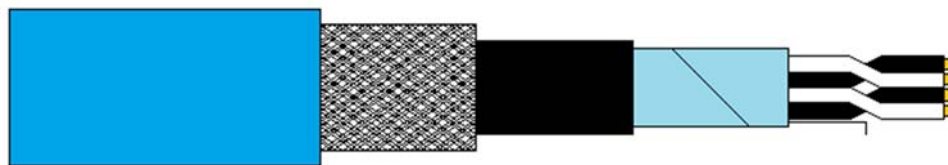
Conductor size	Nom	mm ²	1	1,5	2,5
Conductor resistance stranded / Class 2 flexible / Class 5	Max		18,2	12,2	7,56
			20	13,7	8,21
Insulation resistance	Min.	MΩxkm			
Individual conductor			2400		
Test voltage		V			
Ums core: core			3500		

Properties for cable

Code Colour	White numbered cores
Fire Resistant	IEC 60331
Flame Retardant	IEC 60332-3-22
Low Smoke Emission	IEC 61034-1-2 > 60%
Other Properties	
Minimum Bending Radius	≤ 25 mm: 4 X O.D. , > 25 mm: 6 X O.D.

Properties for outer sheath

Limiting Oxygen Index	LOI>30%
Amount of halogen acid gas	IEC 60754-1 HCl<0.1%
Oil Resistance	BS 7655-2.6 (168h, 100°C)
Sunlight Resistance	UL 1581 Section 1200
Temperature Installation	-15°C/50°C
Temperature Operating	-40°C/50°C



Nº Cores	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm²/uds	mm	mm	mm	mm	mm	mm	kgr/km	
5	1mm²/32	0,8	1,1	11,48	0,3	1,3	15,58	401	B7917/7K-5C1-605
5	1mm²/7	0,8	1,1	11,48	0,3	1,3	15,58	404	B7917/7K-5C1-505
5	1.50mm²/30	0,8	1,1	12,29	0,3	1,3	16,39	457	B7917/7K-5C1.5-605
5	1.50mm²/7	0,8	1,1	12,29	0,3	1,3	16,39	465	B7917/7K-5C1.5-505
5	2.50mm²/50	0,8	1,2	13,84	0,3	1,3	17,94	550	B7917/7K-5C2.5-605
5	2.50mm²/7	0,8	1,2	13,84	0,3	1,3	17,94	559	B7917/7K-5C2.5-505