

BS 7917 I SCREEN TRIPLES NO ARMOURED

Cable Standard	Instrument Cable BS 7917
Voltage	150/250V
Description	Tinned Copper, Multi Triple, Mica, EPR- Insulation, Individual Screen, SW4 Sheath
Cable type	BS 7917

Electrical data a 20°C

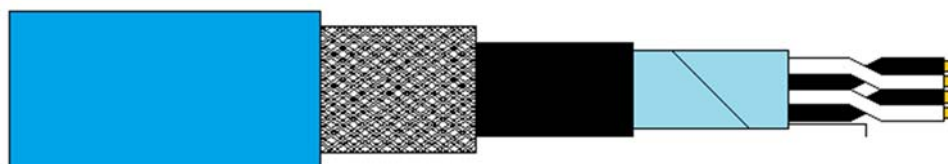
Conductor size	Nom	mm ²	0,75	1	1,5	2,5
Conductor resistance stranded / Class 2 flexible / Class 5 and additional 2% of the maximum resistance has been allowed for cable of multipair construction	Max	Ω/km				
			24,8	18,2	12,2	7,56
			26,7	20	13,7	8,21
Insulation resistance Individual conductor Individual screen	Min.	MΩxkm				
			2400 1			
Mutual capacitance 1kHz All cables	Max.	nF/km				
			250			
L/R Ratio	Max.	μH/Ω	25	40	60	
Test voltage Ums core: core Ums core: screen		V				
			1500			
			1500			

Properties for cable

Code Colour	Black & White & Red 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	8 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



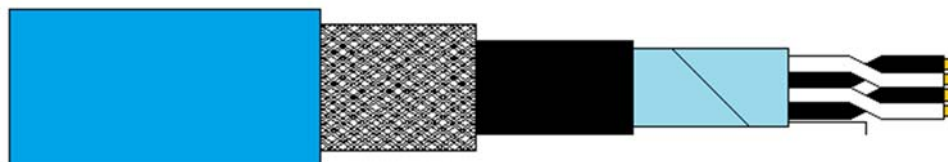
Nº Triple	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm ² /uds	mm	mm	mm	mm	mm	mm	kgr/km	

2	0.75mm ² /24	0,8	-	-	-	1,2	14,73	212	B7917/6K-2T075-620
3	0.75mm ² /24	0,8	-	-	-	1,3	16,43	289	B7917/6K-3T075-620
5	0.75mm ² /24	0,8	-	-	-	1,4	20,32	443	B7917/6K-5T075-620
7	0.75mm ² /24	0,8	-	-	-	1,5	23,20	592	B7917/6K-7T075-620
10	0.75mm ² /24	0,8	-	-	-	1,7	28,61	841	B7917/6K-10T075-620
12	0.75mm ² /24	0,8	-	-	-	1,7	29,59	964	B7917/6K-12T075-620
19	0.75mm ² /24	0,8	-	-	-	1,9	36,75	1471	B7917/6K-19T075-620
20	0.75mm ² /24	0,8	-	-	-	1,9	37,59	1537	B7917/6K-20T075-620

2	0.75mm ² /7	0,8	-	-	-	1,2	14,73	214	B7917/6K-2T075-520
3	0.75mm ² /7	0,8	-	-	-	1,3	16,43	292	B7917/6K-3T075-520
5	0.75mm ² /7	0,8	-	-	-	1,4	20,32	448	B7917/6K-5T075-520
7	0.75mm ² /7	0,8	-	-	-	1,5	23,20	599	B7917/6K-7T075-520
10	0.75mm ² /7	0,8	-	-	-	1,7	28,61	851	B7917/6K-10T075-520
12	0.75mm ² /7	0,8	-	-	-	1,7	29,59	975	B7917/6K-12T075-520
19	0.75mm ² /7	0,8	-	-	-	1,9	36,75	1490	B7917/6K-19T075-520
20	0.75mm ² /7	0,8	-	-	-	1,9	37,59	1557	B7917/6K-20T075-520

2	1mm ² /32	0,8	-	-	-	1,2	15,46	237	B7917/6K-2T1-620
3	1mm ² /32	0,8	-	-	-	1,3	17,25	325	B7917/6K-3T1-620
5	1mm ² /32	0,8	-	-	-	1,4	21,36	500	B7917/6K-5T1-620
7	1mm ² /32	0,8	-	-	-	1,5	24,40	670	B7917/6K-7T1-620
10	1mm ² /32	0,8	-	-	-	1,7	30,11	952	B7917/6K-10T1-620
12	1mm ² /32	0,8	-	-	-	1,7	31,14	1095	B7917/6K-12T1-620
19	1mm ² /32	0,8	-	-	-	2,0	38,92	1699	B7917/6K-19T1-620
20	1mm ² /32	0,8	-	-	-	2,0	39,80	1775	B7917/6K-20T1-620

2	1mm ² /7	0,8	-	-	-	1,2	15,46	240	B7917/6K-2T1-520
3	1mm ² /7	0,8	-	-	-	1,3	17,25	329	B7917/6K-3T1-520
5	1mm ² /7	0,8	-	-	-	1,4	21,36	508	B7917/6K-5T1-520
7	1mm ² /7	0,8	-	-	-	1,5	24,40	681	B7917/6K-7T1-520
10	1mm ² /7	0,8	-	-	-	1,7	30,11	968	B7917/6K-10T1-520
12	1mm ² /7	0,8	-	-	-	1,7	31,14	1113	B7917/6K-12T1-520
19	1mm ² /7	0,8	-	-	-	2,0	38,92	1728	B7917/6K-19T1-520
20	1mm ² /7	0,8	-	-	-	2,0	39,80	1806	B7917/6K-20T1-520



Nº Triple	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	mm ² /uds	mm	mm	mm	mm	mm	mm	kgr/km	

2	1.50mm ² /30	0,8	-	-	-	1,3	16,75	281	B7917/6K-2T1.5-620
3	1.50mm ² /30	0,8	-	-	-	1,3	18,48	374	B7917/6K-3T1.5-620
5	1.50mm ² /30	0,8	-	-	-	1,5	23,12	593	B7917/6K-5T1.5-620
7	1.50mm ² /30	0,8	-	-	-	1,6	26,40	795	B7917/6K-7T1.5-620
10	1.50mm ² /30	0,8	-	-	-	1,8	32,56	1127	B7917/6K-10T1.5-620
12	1.50mm ² /30	0,8	-	-	-	1,8	33,68	1298	B7917/6K-12T1.5-620
19	1.50mm ² /30	0,8	-	-	-	2,0	41,86	1986	B7917/6K-19T1.5-620
20	1.50mm ² /30	0,8	-	-	-	2,1	43,02	2102	B7917/6K-20T1.5-620

2	1.50mm ² /7	0,8	-	-	-	1,3	16,75	291	B7917/6K-2T1.5-520
3	1.50mm ² /7	0,8	-	-	-	1,3	18,48	388	B7917/6K-3T1.5-520
5	1.50mm ² /7	0,8	-	-	-	1,5	23,12	617	B7917/6K-5T1.5-520
7	1.50mm ² /7	0,8	-	-	-	1,6	26,40	828	B7917/6K-7T1.5-520
10	1.50mm ² /7	0,8	-	-	-	1,8	32,56	1175	B7917/6K-10T1.5-520
12	1.50mm ² /7	0,8	-	-	-	1,8	33,68	1354	B7917/6K-12T1.5-520
19	1.50mm ² /7	0,8	-	-	-	2,0	41,86	2076	B7917/6K-19T1.5-520
20	1.50mm ² /7	0,8	-	-	-	2,1	43,02	2197	B7917/6K-20T1.5-520

2	2.50mm ² /50	0,8	-	-	-	1,3	18,58	361	B7917/6K-2T2.5-620
3	2.50mm ² /50	0,8	-	-	-	1,4	20,73	501	B7917/6K-3T2.5-620
5	2.50mm ² /50	0,8	-	-	-	1,6	25,92	796	B7917/6K-5T2.5-620
7	2.50mm ² /50	0,8	-	-	-	1,7	29,60	1071	B7917/6K-7T2.5-620
10	2.50mm ² /50	0,8	-	-	-	1,9	36,51	1517	B7917/6K-10T2.5-620
12	2.50mm ² /50	0,8	-	-	-	2,0	37,98	1778	B7917/6K-12T2.5-620
19	2.50mm ² /50	0,8	-	-	-	2,2	47,16	2722	B7917/6K-19T2.5-620
20	2.50mm ² /50	0,8	-	-	-	2,2	48,25	2849	B7917/6K-20T2.5-620

2	2.50mm ² /7	0,8	-	-	-	1,3	18,58	372	B7917/6K-2T2.5-520
3	2.50mm ² /7	0,8	-	-	-	1,4	20,73	518	B7917/6K-3T2.5-520
5	2.50mm ² /7	0,8	-	-	-	1,6	25,92	824	B7917/6K-5T2.5-520
7	2.50mm ² /7	0,8	-	-	-	1,7	29,60	1110	B7917/6K-7T2.5-520
10	2.50mm ² /7	0,8	-	-	-	1,9	36,51	1573	B7917/6K-10T2.5-520
12	2.50mm ² /7	0,8	-	-	-	2,0	37,98	1845	B7917/6K-12T2.5-520
19	2.50mm ² /7	0,8	-	-	-	2,2	47,16	2829	B7917/6K-19T2.5-520
20	2.50mm ² /7	0,8	-	-	-	2,2	48,25	2961	B7917/6K-20T2.5-520