

BS 7917 I SCREEN PAIRS NO ARMOURED

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

Electrical data a 20°C

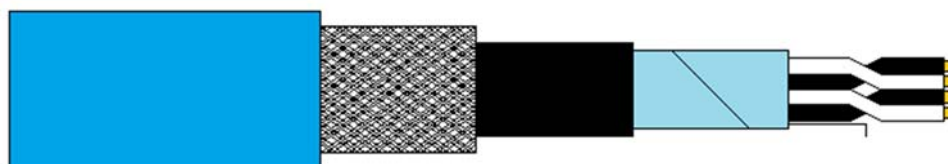
Conductor size	Nom	mm ²	0,75	1	1,5	2,5
Conductor resistance stranded / Class 2 flexible / Class 5 and additional 2% of the maximum resistance has been allowed for cable of multipair construction	Max	Ω/km				
			24,8	18,2	12,2	7,56
			26,7	20	13,7	8,21
Insulation resistance	Min.	MΩxkm				
			Individual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

Properties for cable

Code Colour	Black & 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	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



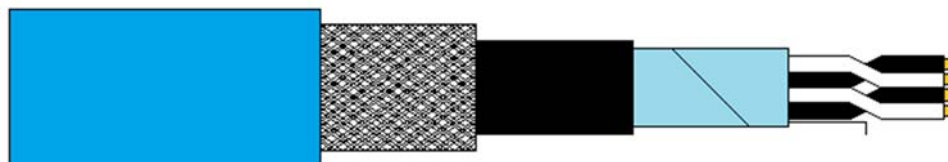
Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm ² /uds	mm	mm	mm	mm	mm	mm	kgr/km	

2	0.75mm ² /24	0,8	-	-	-	1,1	13,72	167	B7917/6K-2P075-620
3	0.75mm ² /24	0,8	-	-	-	1,2	14,76	221	B7917/6K-3P075-620
5	0.75mm ² /24	0,8	-	-	-	1,3	18,16	337	B7917/6K-5P075-620
7	0.75mm ² /24	0,8	-	-	-	1,4	20,04	443	B7917/6K-7P075-620
10	0.75mm ² /24	0,8	-	-	-	1,6	24,80	631	B7917/6K-10P075-620
12	0.75mm ² /24	0,8	-	-	-	1,6	25,98	724	B7917/6K-12P075-620
19	0.75mm ² /24	0,8	-	-	-	1,8	32,26	1103	B7917/6K-19P075-620
20	0.75mm ² /24	0,8	-	-	-	1,9	33,20	1171	B7917/6K-20P075-620

2	0.75mm ² /7	0,8	-	-	-	1,1	13,72	168	B7917/6K-2P075-520
3	0.75mm ² /7	0,8	-	-	-	1,2	14,76	223	B7917/6K-3P075-520
5	0.75mm ² /7	0,8	-	-	-	1,3	18,16	340	B7917/6K-5P075-520
7	0.75mm ² /7	0,8	-	-	-	1,4	20,04	448	B7917/6K-7P075-520
10	0.75mm ² /7	0,8	-	-	-	1,6	24,80	638	B7917/6K-10P075-520
12	0.75mm ² /7	0,8	-	-	-	1,6	25,98	732	B7917/6K-12P075-520
19	0.75mm ² /7	0,8	-	-	-	1,8	32,26	1115	B7917/6K-19P075-520
20	0.75mm ² /7	0,8	-	-	-	1,9	33,20	1184	B7917/6K-20P075-520

2	1mm ² /32	0,8	-	-	-	1,2	14,60	193	B7917/6K-2P1-620
3	1mm ² /32	0,8	-	-	-	1,3	15,69	255	B7917/6K-3P1-620
5	1mm ² /32	0,8	-	-	-	1,3	19,08	376	B7917/6K-5P1-620
7	1mm ² /32	0,8	-	-	-	1,4	21,06	496	B7917/6K-7P1-620
10	1mm ² /32	0,8	-	-	-	1,6	26,08	702	B7917/6K-10P1-620
12	1mm ² /32	0,8	-	-	-	1,7	27,53	830	B7917/6K-12P1-620
19	1mm ² /32	0,8	-	-	-	1,9	34,16	1263	B7917/6K-19P1-620
20	1mm ² /32	0,8	-	-	-	1,9	34,94	1319	B7917/6K-20P1-620

2	1mm ² /7	0,8	-	-	-	1,2	14,60	195	B7917/6K-2P1-520
3	1mm ² /7	0,8	-	-	-	1,3	15,69	258	B7917/6K-3P1-520
5	1mm ² /7	0,8	-	-	-	1,3	19,08	381	B7917/6K-5P1-520
7	1mm ² /7	0,8	-	-	-	1,4	21,06	504	B7917/6K-7P1-520
10	1mm ² /7	0,8	-	-	-	1,6	26,08	718	B7917/6K-10P1-520
12	1mm ² /7	0,8	-	-	-	1,7	27,53	842	B7917/6K-12P1-520
19	1mm ² /7	0,8	-	-	-	1,9	34,16	1282	B7917/6K-19P1-520
20	1mm ² /7	0,8	-	-	-	1,9	34,94	1339	B7917/6K-20P1-520



Nº Pairs	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	

2	1.50mm²/30	0,8	-	-	-	1,3	15,82	227	B7917/6K-2P1.5-620
3	1.50mm²/30	0,8	-	-	-	1,3	16,79	291	B7917/6K-3P1.5-620
5	1.50mm²/30	0,8	-	-	-	1,4	20,66	439	B7917/6K-5P1.5-620
7	1.50mm²/30	0,8	-	-	-	1,5	22,79	585	B7917/6K-7P1.5-620
10	1.50mm²/30	0,8	-	-	-	1,7	28,20	831	B7917/6K-10P1.5-620
12	1.50mm²/30	0,8	-	-	-	1,7	29,56	957	B7917/6K-12P1.5-620
19	1.50mm²/30	0,8	-	-	-	1,9	36,71	1460	B7917/6K-19P1.5-620
20	1.50mm²/30	0,8	-	-	-	2,0	37,76	1548	B7917/6K-20P1.5-620

2	1.50mm²/7	0,8	-	-	-	1,3	15,82	233	B7917/6K-2P1.5-520
3	1.50mm²/7	0,8	-	-	-	1,3	16,79	300	B7917/6K-3P1.5-520
5	1.50mm²/7	0,8	-	-	-	1,4	20,66	459	B7917/6K-5P1.5-520
7	1.50mm²/7	0,8	-	-	-	1,5	22,79	607	B7917/6K-7P1.5-520
10	1.50mm²/7	0,8	-	-	-	1,7	28,20	863	B7917/6K-10P1.5-520
12	1.50mm²/7	0,8	-	-	-	1,7	29,56	995	B7917/6K-12P1.5-520
19	1.50mm²/7	0,8	-	-	-	1,9	36,71	1520	B7917/6K-19P1.5-520
20	1.50mm²/7	0,8	-	-	-	2,0	37,76	1611	B7917/6K-20P1.5-520

2	2.50mm²/50	0,8	-	-	-	1,3	17,52	284	B7917/6K-2P2.5-620
3	2.50mm²/50	0,8	-	-	-	1,3	18,61	371	B7917/6K-3P2.5-620
5	2.50mm²/50	0,8	-	-	-	1,5	23,16	586	B7917/6K-5P2.5-620
7	2.50mm²/50	0,8	-	-	-	1,6	25,54	777	B7917/6K-7P2.5-620
10	2.50mm²/50	0,8	-	-	-	1,8	31,60	1102	B7917/6K-10P2.5-620
12	2.50mm²/50	0,8	-	-	-	1,9	33,33	1311	B7917/6K-12P2.5-620
19	2.50mm²/50	0,8	-	-	-	2,1	41,36	1974	B7917/6K-19P2.5-620
20	2.50mm²/50	0,8	-	-	-	2,2	42,52	2089	B7917/6K-20P2.5-620

2	2.50mm²/7	0,8	-	-	-	1,3	17,52	292	B7917/6K-2P2.5-520
3	2.50mm²/7	0,8	-	-	-	1,3	18,61	382	B7917/6K-3P2.5-520
5	2.50mm²/7	0,8	-	-	-	1,5	23,16	605	B7917/6K-5P2.5-520
7	2.50mm²/7	0,8	-	-	-	1,6	25,54	798	B7917/6K-7P2.5-520
10	2.50mm²/7	0,8	-	-	-	1,8	31,60	1133	B7917/6K-10P2.5-520
12	2.50mm²/7	0,8	-	-	-	1,9	33,33	1339	B7917/6K-12P2.5-520
19	2.50mm²/7	0,8	-	-	-	2,1	41,36	2046	B7917/6K-19P2.5-520
20	2.50mm²/7	0,8	-	-	-	2,2	42,52	2165	B7917/6K-20P2.5-520