

BS6883 EPR/SW4/GSWB/SW4 600/1000V

HALOGEN FREE, FLAME RETARDANT, POWER & CONTROL CABLES



CABLE DESCRIPTION

Tinned Copper Class 2 or 5 Flexible Conductors, EPR insulated, LSOH (SW4), Galvanised Steel Wire Braid (Tinned Phosphor Bronze on Single Core), LSOH (SW4) BLACK; BS6883; IEC60754 1-2 ; IEC60754 1-2 ; IEC61034 1-2; IEC60332-1 IEC60332-3 CAT A Voltage Rating 600/1000V ; Minimum Bending Radius 8xOD

APPLICATION

These cables are used for fixed installations in all areas and on open deck in ships and offshore units

* Ambient temperature 45 deg C

Gland sizes shown are only provided as a guide

CSWL Part No	No Cores	Size mm ²	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)		UKOOA CODE
CSW16MM1CBS6883WA	1	16	13.1	377	96	Univ O	20mm (S)	WA116
CSW25MM1CBS6883WA	1	25	16.2	577	127	Univ A	20mm	WA125
CSW35MM1CBS6883WA	1	35	17.3	706	157	Univ A	20mm	WA135
CSW50MM1CBS6883WA	1	50	19.1	846	196	Univ B	25mm	WA150
CSW70MM1CBS6883WA	1	70	21.2	1102	242	Univ B	25mm	WA170
CSW95MM1CBS6883WA	1	95	23.7	1422	293	Univ B	25mm	WA195
CSW120MM1CBS6883WA	1	120	25.8	1761	339	Univ C	32mm	WA10A
CSW150MM1CBS6883WA	1	150	28.1	2124	389	Univ C	32mm	WA10B
CSW185MM1CBS6883WA	1	185	31.7	2694	444	Univ C	32mm	WA10C
CSW240MM1CBS6883WA	1	240	35.0	3413	522	Univ C2	40mm	WA10D
CSW300MM1CBS6883WA	1	300	38.3	4173	601	Univ C2	40mm	WA10E

CSWL Part No	No Cores	Size mm ²	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)		UKOOA CODE
CSW1.5MM2CBS6883WB	2	1.5	13.2	268	20	Univ O	20mm (S)	WB202
CSW2.5MM2CBS6883WB	2	2.5	14.0	314	26	Univ O	20mm (S)	WB203
CSW4MM2CBS6883WB	2	4	16.4	430	34	Univ A	20mm	WB204
CSW6MM2CBS6883WB	2	6	17.7	523	44	Univ A	20mm	WB206
CSW10MM2CBS6883WB	2	10	19.8	687	61	Univ B	25mm	WB210
CSW16MM2CBS6883WB	2	16	22.4	925	82	Univ B	25mm	WB216
CSW25MM2CBS6883WB	2	25	26.7	1365	108	Univ C	32mm	WB225

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CSW1.5MM3CBS6883WB	3	1.5	13.7	298	16	Univ O	20mm (S)	WB302
CSW2.5MM3CBS6883WB	3	2.5	14.8	360	21	Univ O	20mm (S)	WB303
CSW4MM3CBS6883WB	3	4	17.1	490	28	Univ A	20mm	WB304
CSW6MM3CBS6883WB	3	6	18.5	601	36	Univ A	20mm	WB306
CSW10MM3CBS6883WB	3	10	21.1	821	50	Univ B	25mm	WB310
CSW16MM3CBS6883WB	3	16	23.7	1113	67	Univ B	25mm	WB316
CSW25MM3CBS6883WB	3	25	28.5	1687	89	Univ C	32mm	WB325
CSW35MM3CBS6883WB	3	35	31.6	2120	110	Univ C	32mm	WB335
CSW50MM3CBS6883WB	3	50	35.5	2736	137	Univ C2	40mm	WB350
CSW70MM3CBS6883WB	3	70	40.2	3660	169	Univ D	50mm	WB370
CSW95MM3CBS6883WB	3	95	45.5	4773	205	Univ D	50mm	WB395
CSW120MM3CBS6883WB	3	120	50.0	5925	237	Univ D	50mm	WB30A
CSW150MM3CBS6883WB	3	150	54.8	7178	273	Univ E	63mm	WB30B
CSW185MM3CBS6883WB	3	185	60.6	8881	311	Univ E	63mm	WB30C
CSW240MM3CBS6883WB	3	240	67.7	11325	366	Univ F	75mm	WB30D

CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)		UKOOA CODE
CSW1.5MM4CBS6883WB	4	1.5	14.7	342	16	Univ O	20mm (S)	WB402
CSW2.5MM4CBS6883WB	4	2.5	15.7	419	21	Univ A	20mm	WB403
CSW4MM4CBS6883WB	4	4	18.5	586	28	Univ A	20mm	WB404
CSW6MM4CBS6883WB	4	6	20.2	737	36	Univ B	25mm	WB406
CSW10MM4CBS6883WB	4	10	23.0	1013	50	Univ B	25mm	WB410
CSW16MM4CBS6883WB	4	16	26.0	1382	67	Univ C	32mm	WB416
CSW25MM4CBS6883WB	4	25	32.1	2191	89	Univ C2	40mm	WB425
CSW35MM4CBS6883WB	4	35	34.6	2654	110	Univ C2	40mm	WB435
CSW50MM4CBS6883WB	4	50	39.1	3434	137	Univ D	50mm	WB450
CSW70MM4CBS6883WB	4	70	44.2	4625	169	Univ D	50mm	WB470
CSW95MM4CBS6883WB	4	95	50.2	6020	205	Univ D	50mm	WB495
CSW120MM4CBS6883WB	4	120	55.2	7525	237	Univ E	63mm	WB40A
CSW150MM4CBS6883WB	4	150	60.7	9125	273	Univ E	63mm	WB40B
CSW185MM4CBS6883WB	4	185	67.0	11221	311	Univ F	75mm	WB40C

CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)		UKOOA CODE
CSW1.5MM5CBS6883WB	5	1.5	14.8	351	13	Univ O	20mm (S)	WB502
CSW2.5MM5CBS6883WB	5	2.5	16.3	441	18	Univ A	20mm	WB503
CSW4MM5CBS6883WB	5	4	19.7	652	23	Univ B	25mm	WB504
CSW6MM5CBS6883WB	5	6	21.6	807	30	Univ B	25mm	WB506
CSW1.5MM7CBS6883WB	7	1.5	16.9	476	12	Univ A	20mm	WB702
CSW2.5MM7CBS6883WB	7	2.5	18.3	590	16	Univ A	20mm	WB703
CSW1.5MM12CBS6883WB	12	1.5	21.3	732	10	Univ B	25mm	WBA02
CSW2.5MM12CBS6883WB	12	2.5	23.6	935	13	Univ B	25mm	WBA03
CSW1.5MM19CBS6883WB	19	1.5	23.7	935	9	Univ B	25mm	WBB02
CSW2.5MM19CBS6883WB	19	2.5	26.9	1287	11	Univ C	32mm	WBB03
CSW1.5MM27CBS6883WB	27	1.5	28.9	1359	7	Univ C	32mm	WBC02
CSW2.5MM27CBS6883WB	27	2.5	33.0	1854	9	Univ C2	40mm	WBC03

Correction Factor for Various Ambient Air Temperatures

Ambient Temperature	35° C	40° C	45° C	50° C	55° C	60° C	65° C	70° C	75° C	80° C	85° C
Multiply Factor	1.10	1.05	1.00	0.94	0.88	0.82	0.74	0.67	0.58	0.47	-

Core Identification

white cores with black numbering