

# BS7917 MGT/EPR/SW4/GSWB/SW4 600/1000V

FIRE RESISTANT, HALOGEN FREE, FLAME RETARDANT, POWER & CONTROL CABLES



## CABLE DESCRIPTION

Tinned Copper Class 5 Flexible Conductors, Mica Glass Taped, EPR insulated, LSOH (SW4), Galvanised Steel Wire Braid , LSOH (SW4) BLACK; BS7917; IEC60754 1-2 ; IEC60754 1-2 ; IEC61034 1-2; IEC60331 ; IEC60332-1 IEC60332-3 CAT A Voltage Rating 600/1000V ; Minimum Bending Radius 8xOD

## APPLICATION

Used as fixed installation cables in various electromechanical and electronic equipments, emergency and critical systems as well as electric distribution and lightning systems.

\* Ambient temperature 45 deg C

Gland sizes shown are only provided as a guide

CSWL Part No	No Cores	Size mm <sup>2</sup>	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)		UKOOA CODE
CSW1.5MM2CBS7917YD	2	1.5	13.7	274	20	Univ O	20mm (S)	YD202
CSW2.5MM2CBS7917YD	2	2.5	14.6	322	26	Univ O	20mm (S)	YD203
CSW4MM2CBS7917YD	2	4	16.9	432	34	Univ A	20mm	YD204
CSW6MM2CBS7917YD	2	6	18.2	553	44	Univ A	20mm	YD206
CSW10MM2CBS7917YD	2	10	20.2	723	61	Univ B	25mm	YD210

CSWL Part No	No Cores	Size mm <sup>2</sup>	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)		UKOOA CODE
CSW1.5MM3CBS7917YD	3	1.5	14.3	318	16	Univ O	20mm (S)	YD302
CSW2.5MM3CBS7917YD	3	2.5	15.4	384	21	Univ A	20mm	YD303
CSW4MM3CBS7917YD	3	4	17.7	511	28	Univ A	20mm	YD304
CSW6MM3CBS7917YD	3	6	19.1	608	36	Univ A	20mm	YD306
CSW10MM3CBS7917YD	3	10	21.6	860	50	Univ B	25mm	YD310
CSW16MM3CBS7917YD	3	16	24.3	1131	67	Univ B	25mm	YD316
CSW25MM3CBS7917YD	3	25	29.4	1689	89	Univ C	32mm	YD325
CSW35MM3CBS7917YD	3	35	32.6	2246	110	Univ C2	40mm	YD335
CSW50MM3CBS7917YD	3	50	36.5	2974	137	Univ C2	40mm	YD350
CSW70MM3CBS7917YD	3	70	41.3	3962	169	Univ D	50mm	YD370
CSW95MM3CBS7917YD	3	95	46.6	5144	205	Univ D	50mm	YD395
CSW120MM3CBS7917YD	3	120	51.1	6254	237	Univ E	63mm	YD30A
CSW150MM3CBS7917YD	3	150	56.0	7661	273	Univ E	63mm	YD30B
CSW185MM3CBS7917YD	3	185	61.9	9261	311	Univ E	63mm	YD30C
CSW240MM3CBS7917YD	3	240	69.0	11752	366	Univ F	75mm	YD30D

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**Cable Solutions**

WORLDWIDE

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CSWL Part No	No Cores	Size mm <sup>2</sup>	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)		UKOOA CODE
CSW1.5MM4CBS7917YD	4	1.5	15.4	372	16	Univ A	20mm	YD402
CSW2.5MM4CBS7917YD	4	2.5	16.5	448	21	Univ A	20mm	YD403
CSW4MM4CBS7917YD	4	4	19.1	592	28	Univ A	20mm	YD404
CSW6MM4CBS7917YD	4	6	21.1	762	36	Univ B	25mm	YD406
CSW10MM4CBS7917YD	4	10	23.7	1061	50	Univ B	25mm	YD410
CSW16MM4CBS7917YD	4	16	26.6	1454	67	Univ C	32mm	YD416
CSW25MM4CBS7917YD	4	25	33.2	2296	89	Univ C2	40mm	YD425
CSW35MM4CBS7917YD	4	35	35.6	2798	110	Univ C2	40mm	YD435
CSW50MM4CBS7917YD	4	50	40.1	3773	137	Univ D	50mm	YD450
CSW70MM4CBS7917YD	4	70	45.4	4981	169	Univ D	50mm	YD470
CSW95MM4CBS7917YD	4	95	51.5	6412	205	Univ E	63mm	YD495
CSW120MM4CBS7917YD	4	120	56.5	7908	237	Univ E	63mm	YD40A
CSW150MM4CBS7917YD	4	150	62.0	9778	273	Univ E	63mm	YD40B
CSW185MM4CBS7917YD	4	185	68.3	11900	311	Univ F	75mm	YD40C

CSWL Part No	No Cores	Size mm <sup>2</sup>	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)		UKOOA CODE
CSW1.5MM5CBS7917YD	5	1.5	16.5	428	13	Univ A	20mm	YD502
CSW2.5MM5CBS7917YD	5	2.5	17.8	515	18	Univ A	20mm	YD503
CSW4MM5CBS7917YD	5	4	22.0	780	23	Univ B	25mm	YD504
CSW6MM5CBS7917YD	5	6	23.8	940	30	Univ B	25mm	YD506
CSW1.5MM7CBS7917YD	7	1.5	17.8	499	12	Univ A	20mm	YD702
CSW2.5MM7CBS7917YD	7	2.5	19.2	649	16	Univ A	20mm	YD703
CSW1.5MM12CBS7917YD	12	1.5	22.6	825	10	Univ B	25mm	YDA02
CSW2.5MM12CBS7917YD	12	2.5	24.7	1047	13	Univ B	25mm	YDA03
CSW1.5MM19CBS7917YD	19	1.5	26.0	1103	9	Univ C	32mm	YDB02
CSW2.5MM19CBS7917YD	19	2.5	28.4	1403	11	Univ C	32mm	YDB03
CSW1.5MM27CBS7917YD	27	1.5	31.0	1575	7	Univ C	32mm	YDC02
CSW2.5MM27CBS7917YD	27	2.5	35.1	2130	9	Univ C2	40mm	YDC03

### 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