

# BFOU - NEK 606 (P5/P12/P105)

HALOGEN FREE, FIRE RESISTANT, FLAME RETARDANT, MUD RESISTANT POWER & CONTROL CABLE



## CABLE DESCRIPTION

Tinned Copper Class 2 or 5 Flexible Conductors, Mica Glass Taped, EPR insulated, LSOH, Tinned Copper Wire Braid, LSOH MUD Resistant BLACK NEK 606 IEC60092-353 ; IEC60092-350-351-359 ; 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)	
CSW16MM1CBFOU	1	16	13.0	239	93	Univ O	20mm (S)
CSW25MM1CBFOU	1	25	15.4	354	122	Univ A	20mm
CSW35MM1CBFOU	1	35	16.6	473	152	Univ A	20mm
CSW50MM1CBFOU	1	50	18.1	647	195	Univ A	20mm
CSW70MM1CBFOU	1	70	20.1	881	240	Univ B	25mm
CSW95MM1CBFOU	1	95	22.4	1180	286	Univ B	25mm
CSW120MM1CBFOU	1	120	24.4	1473	332	Univ C	32mm
CSW150MM1CBFOU	1	150	26.5	1824	382	Univ C	32mm
CSW185MM1CBFOU	1	185	28.8	2239	432	Univ C	32mm
CSW240MM1CBFOU	1	240	31.6	2870	508	Univ C	32mm
CSW300MM1CBFOU	1	300	35.0	3583	590	Univ C2	40mm

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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)	
CSW1.5MM2CBFOU	2	1.5	14.2	320	18	Univ O	20mm (S)
CSW2.5MM2CBFOU	2	2.5	15.2	380	25	Univ A	20mm
CSW4MM2CBFOU	2	4	16.4	450	33	Univ A	20mm
CSW6MM2CBFOU	2	6	17.5	530	43	Univ A	20mm
CSW10MM2CBFOU	2	10	19.5	720	60	Univ A	20mm
CSW16MM2CBFOU	2	16	21.7	890	79	Univ B	25mm
CSW25MM2CBFOU	2	25	25.5	1280	104	Univ C	32mm

A Dron & Dickson Group Company

**Cable Solutions**

WORLDWIDE

**HALOGEN FREE, FIRE RESISTANT, FLAME RETARDANT, MUD RESISTANT POWER & CONTROL CABLE**

\* Ambient temperature 45 deg C

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CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)	
CSW1.5MM3CBFOU	3	1.5	14.9	360	15	Univ O	20mm (S)
CSW2.5MM3CBFOU	3	2.5	16.0	430	21	Univ A	20mm
CSW4MM3CBFOU	3	4	17.3	520	28	Univ A	20mm
CSW6MM3CBFOU	3	6	18.4	620	35	Univ A	20mm
CSW10MM3CBFOU	3	10	20.7	820	50	Univ B	25mm
CSW16MM3CBFOU	3	16	23.0	1070	66	Univ B	25mm
CSW25MM3CBFOU	3	25	27.2	1850	86	Univ C	32mm
CSW35MM3CBFOU	3	35	29.8	1960	107	Univ C	32mm
CSW50MM3CBFOU	3	50	33.1	2580	137	Univ C2	40mm
CSW70MM3CBFOU	3	70	38.3	3450	168	Univ C2	40mm
CSW95MM3CBFOU	3	95	43.2	4480	201	Univ D	50mm
CSW120MM3CBFOU	3	120	48.0	5650	233	Univ D	50mm
CSW150MM3CBFOU	3	150	52.4	6800	268	Univ E	63mm
CSW185MM3CBFOU	3	185	57.5	8400	301	Univ E	63mm
CSW240MM3CBFOU	3	240	64.0	10810	356	Univ F	75mm

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CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)	
CSW1.5MM4CBFOU	4	1.5	16.1	430	15	Univ A	20mm
CSW2.5MM4CBFOU	4	2.5	17.3	510	21	Univ A	20mm
CSW4MM4CBFOU	4	4	18.7	620	28	Univ A	20mm
CSW6MM4CBFOU	4	6	20.0	740	35	Univ B	25mm
CSW10MM4CBFOU	4	10	22.6	1000	50	Univ B	25mm
CSW16MM4CBFOU	4	16	25.1	1320	66	Univ C	32mm
CSW25MM4CBFOU	4	25	29.8	1960	86	Univ C	32mm
CSW35MM4CBFOU	4	35	32.7	2450	107	Univ C2	40mm
CSW50MM4CBFOU	4	50	37.3	3120	137	Univ C2	40mm
CSW70MM4CBFOU	4	70	42.2	4440	168	Univ D	50mm
CSW95MM4CBFOU	4	95	48.1	5920	201	Univ D	50mm
CSW120MM4CBFOU	4	120	53.0	7210	233	Univ E	63mm
CSW150MM4CBFOU	4	150	58.0	8690	268	Univ E	63mm
CSW185MM4CBFOU	4	185	64.1	10700	301	Univ F	75mm



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)	
CSW1.5MM5CBFOU	5	1.5	17.4	490	13	Univ A	20mm
CSW2.5MM5CBFOU	5	2.5	18.7	590	17	Univ A	20mm
CSW4MM5CBFOU	5	4	20.3	690	23	Univ B	25mm
CSW6MM5CBFOU	5	6	21.8	860	29	Univ B	25mm
CSW1.5MM7CBFOU	7	1.5	18.7	580	11	Univ A	20mm
CSW2.5MM7CBFOU	7	2.5	20.2	700	15	Univ B	25mm
CSW1.5MM12CBFOU	12	1.5	24.0	930	9	Univ B	25mm
CSW2.5MM12CBFOU	12	2.5	26.0	1150	13	Univ C	32mm
CSW1.5MM19CBFOU	19	1.5	27.8	1250	8	Univ C	32mm
CSW2.5MM19CBFOU	19	2.5	30.2	1570	11	Univ C	32mm
CSW1.5MM27CBFOU	27	1.5	32.9	1720	7	Univ C2	40mm
CSW2.5MM27CBFOU	27	2.5	36.8	2210	9	Univ C2	40mm
CSW1.5MM37CBFOU	37	1.5	37.6	2220	6	Univ C2	40mm
CSW2.5MM37CBFOU	37	2.5	41.0	2930	9	Univ D	50mm

### 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	-

Single core - Black

Two cores - Blue - Brown

Three cores - Brown - Black - Grey

Four cores - Blue - Brown - Black - Grey

Five cores - Blue - Brown - Black - Grey - Black

Seven cores and above - White with black numbers

Two cores + earth (3G) - Yellow/green - Blue - Brown

Three cores + earth (4G) - Yellow/green - Brown - Black - Grey

Four cores + earth (5G) - Yellow/green - Blue - Brown - Black - Grey

