

# RFOU - NEK 606 (P1/P8/P101)

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



## CABLE DESCRIPTION

Tinned Copper Class 2 or 5 Conductors, 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; IEC60332-1  
 IEC60332-3 CAT A Voltage Rating 600/1000V ; Minimum Bending Radius 8xOD

## APPLICATION

Fixed installation cable for power, control and lighting.

\* 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)	
CSW16MM1CRFOU	1	16	12.5	360	93	Univ O	20mm (S)
CSW25MM1CRFOU	1	25	14.8	480	122	Univ O	20mm (S)
CSW35MM1CRFOU	1	35	16.0	630	152	Univ A	20mm
CSW50MM1CRFOU	1	50	17.6	840	195	Univ A	20mm
CSW70MM1CRFOU	1	70	19.6	1070	240	Univ B	25mm
CSW95MM1CRFOU	1	95	21.9	1300	286	Univ B	25mm
CSW120MM1CRFOU	1	120	23.9	1700	332	Univ B	25mm
CSW150MM1CRFOU	1	150	25.9	2020	382	Univ C	32mm
CSW185MM1CRFOU	1	185	28.3	2350	432	Univ C	32mm
CSW240MM1CRFOU	1	240	31.1	3120	508	Univ C2	40mm
CSW300MM1CRFOU	1	300	34.4	3750	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)	
CSW1.5MM2CRFOU	2	1.5	12.6	250	18	Univ O	20mm (S)
CSW2.5MM2CRFOU	2	2.5	14.0	330	25	Univ O	20mm (S)
CSW4MM2CRFOU	2	4	15.2	400	33	Univ A	20mm
CSW6MM2CRFOU	2	6	16.3	470	43	Univ A	20mm
CSW10MM2CRFOU	2	10	18.4	630	60	Univ A	20mm
CSW16MM2CRFOU	2	16	20.5	820	79	Univ B	25mm
CSW25MM2CRFOU	2	25	24.3	1200	104	Univ B	25mm

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 mm <sup>2</sup>	OD (mm) Nominal	Weight KG/KM	Current Rating *	Gland Size (Hawke)	
CSW1.5MM3CRFOU	3	1.5	13.2	280	15	Univ O	20mm (S)
CSW2.5MM3CRFOU	3	2.5	14.7	380	21	Univ O	20mm (S)
CSW4MM3CRFOU	3	4	16.0	460	28	Univ A	20mm
CSW6MM3CRFOU	3	6	17.2	550	35	Univ A	20mm
CSW10MM3CRFOU	3	10	19.4	750	50	Univ B	25mm
CSW16MM3CRFOU	3	16	21.7	1000	66	Univ B	25mm
CSW25MM3CRFOU	3	25	25.9	1490	86	Univ C	32mm
CSW35MM3CRFOU	3	35	28.5	1870	107	Univ C	32mm
CSW50MM3CRFOU	3	50	31.8	2430	137	Univ C	32mm
CSW70MM3CRFOU	3	70	37.0	3320	168	Univ C2	40mm
CSW95MM3CRFOU	3	95	41.9	4320	201	Univ D	50mm
CSW120MM3CRFOU	3	120	46.7	5490	233	Univ D	50mm
CSW150MM3CRFOU	3	150	51.2	6630	268	Univ E	63mm
CSW185MM3CRFOU	3	185	56.7	8080	301	Univ E	63mm
CSW240MM3CRFOU	3	240	62.8	10130	356	Univ E	63mm

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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)	
CSW1.5MM4CRFOU	4	1.5	14.7	360	15	Univ O	20mm (S)
CSW2.5MM4CRFOU	4	2.5	15.8	440	21	Univ A	20mm
CSW4MM4CRFOU	4	4	17.3	550	28	Univ A	20mm
CSW6MM4CRFOU	4	6	18.6	660	35	Univ A	20mm
CSW10MM4CRFOU	4	10	21.1	910	50	Univ B	25mm
CSW16MM4CRFOU	4	16	23.7	1230	66	Univ B	25mm
CSW25MM4CRFOU	4	25	28.3	1840	86	Univ C	32mm
CSW35MM4CRFOU	4	35	31.3	2230	107	Univ C	32mm
CSW50MM4CRFOU	4	50	35.9	3090	137	Univ C2	40mm
CSW70MM4CRFOU	4	70	40.7	4330	168	Univ D	50mm
CSW95MM4CRFOU	4	95	46.7	5810	201	Univ D	50mm
CSW120MM4CRFOU	4	120	51.5	7030	233	Univ E	63mm
CSW150MM4CRFOU	4	150	57.0	8610	268	Univ E	63mm
CSW185MM4CRFOU	4	185	62.6	10570	301	Univ E	63mm



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)	
CSW1.5MM5CRFOU	5	1.5	15.8	420	13	Univ A	20mm
CSW2.5MM5CRFOU	5	2.5	17.1	510	17	Univ A	20mm
CSW4MM5CRFOU	5	4	18.6	640	23	Univ A	20mm
CSW6MM5CRFOU	5	6	20.1	810	29	Univ B	25mm
CSW1.5MM7CRFOU	7	1.5	16.9	490	11	Univ A	20mm
CSW2.5MM7CRFOU	7	2.5	18.4	610	15	Univ A	20mm
CSW1.5MM12CRFOU	12	1.5	21.4	780	9	Univ B	25mm
CSW2.5MM12CRFOU	12	2.5	23.4	980	13	Univ B	25mm
CSW1.5MM19CRFOU	19	1.5	24.7	1050	8	Univ B	25mm
CSW2.5MM19CRFOU	19	2.5	27.1	1420	11	Univ C	32mm
CSW1.5MM27CRFOU	27	1.5	29.1	1570	7	Univ C	32mm
CSW2.5MM27CRFOU	27	2.5	32.1	1990	9	Univ C2	40mm
CSW1.5MM37CRFOU	37	1.5	32.9	1820	6	Univ C2	40mm
CSW2.5MM37CRFOU	37	2.5	36.7	2600	9	Univ C2	40mm

### 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

