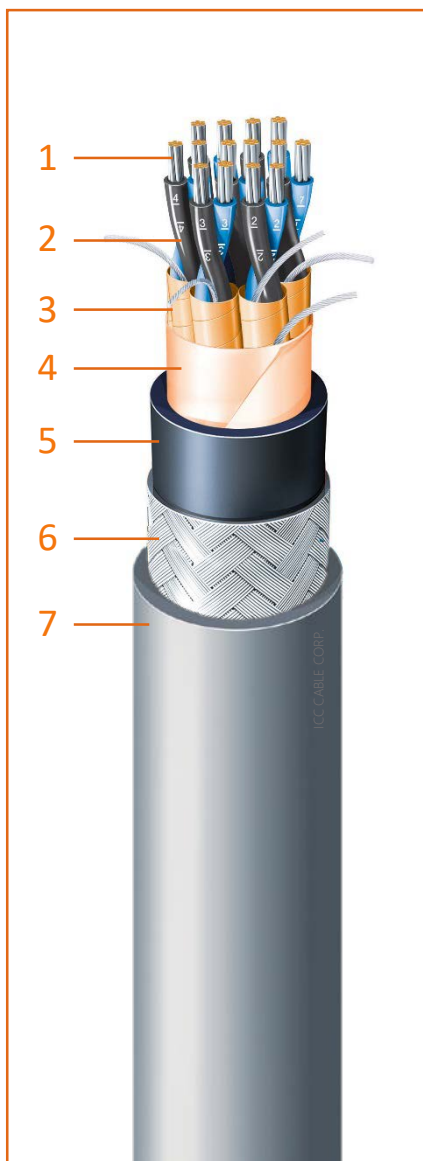


250V RFOU(IC) FLAME RETARDANT, MUD RESISTANT CABLE: SHIELDED PAIRS/TRIADS



PRODUCT DESCRIPTION

250V SHIELDED PAIRS/TRIADS INSTRUMENTATION
90°C TEMPERATURE RATING
LOW SMOKE HALOGEN-FREE
MUD RESISTANT
FLAME RETARDANT
ABS, DNV-GL, LLOYD, RINA APPROVED

PRODUCT CONSTRUCTION

1. CONDUCTOR

STRANDED TINNED ANNEALED COPPER WIRE
CLASS 5 FLEXIBLE CONDUCTOR OPTIONS AVAILABLE

2. INSULATION

HALOGEN FREE ETHYLENE PROPYLENE RUBBER (EPR)

3. INDIVIDUAL SHIELD

AL/PS TAPE W/TINNED COPPER DRAIN WIRE

4. OVERALL SHIELD

AL/PS TAPE W/TINNED COPPER DRAIN WIRE

5. INNER COVERING/BEDDING

FLAME RETARDANT HALOGEN FREE COMPOUND

6. ARMOR

TINNED COPPER WIRE BRAID
BRONZE WIRE/GALVANIZED STEEL WIRE OPTIONS AVAILABLE

7. SHEATH

SHF MUD, GRAY COLOR
BLUE COLOR OPTIONS AVAILABLE

LSZH CABLE



STANDARDS

- DESIGN GUIDE: NEK 606, IEC 60092-353
- CONDUCTOR: IEC 60228 CLASS 2
- INSULATION & SHEATH: IEC 60092-360
- FLAME RETARDANT: IEC 60332-1/3 CAT.A
- MUD RESISTANT: NEK 606
- HALOGEN FREE: IEC 60754-1, ≤0.5%
- LOW SMOKE: IEC 61034, >60%
- COLD BEND/IMPACT:
CSA 22.2 NO. 03 (-40°C/-35°C)
- ARCTIC OPTIONS AVAILABLE:
CSA 22.2 NO. 03 (-65°C/-65°C)

250V RFOU(IC) FLAME RETARDANT, MUD RESISTANT CABLE: SHIELDED PAIRS/TRIADS

250V RFOU(IC) CABLE: COLOR CODE

TYPE	COLOR CODE
PAIR	BLACK, LIGHT BLUE
TRIAD	BLACK, LIGHT BLUE, BROWN
MULTI PAIRS/TRIADS	NUMBERING ON INSULATION

LSZH CABLE

250V RFOU(IC): INDIVIDUAL & COMMON SHIELDED PAIRS

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (MM ²)	INPHES	MM	LBS/MFT	KG/KM
NEK-RFOU/B(C)1P0.75	1	0.75	0.42	10.70	134	200
NEK-RFOU/B(IC)2P0.75	2	0.75	0.59	15.10	249	370
NEK-RFOU/B(IC)3P0.75	3	0.75	0.62	15.70	276	410
NEK-RFOU/B(IC)4P0.75	4	0.75	0.67	17.00	329	490
NEK-RFOU/B(IC)5P0.75	5	0.75	0.73	18.50	383	570
NEK-RFOU/B(IC)6P0.75	6	0.75	0.76	19.20	417	620
NEK-RFOU/B(IC)7P0.75	7	0.75	0.76	19.20	437	650
NEK-RFOU/B(IC)8P0.75	8	0.75	0.82	20.70	491	730
NEK-RFOU/B(IC)10P0.75	10	0.75	0.91	23.20	598	890
NEK-RFOU/B(IC)12P0.75	12	0.75	0.94	23.90	652	970
NEK-RFOU/B(IC)14P0.75	14	0.75	0.98	25.00	726	1080
NEK-RFOU/B(IC)16P0.75	16	0.75	1.05	26.60	806	1200
NEK-RFOU/B(IC)19P0.75	19	0.75	1.07	27.20	887	1320
NEK-RFOU/B(IC)24P0.75	24	0.75	1.23	31.30	1109	1650
NEK-RFOU/B(IC)32P0.75	32	0.75	1.36	34.50	1411	2100
NEK-RFOU/B(C)1P1.0	1	1.0	0.44	11.20	148	220
NEK-RFOU/B(IC)2P1.0	2	1.0	0.62	15.80	276	410
NEK-RFOU/B(IC)3P1.0	3	1.0	0.65	16.60	316	470
NEK-RFOU/B(IC)4P1.0	4	1.0	0.71	17.90	370	550
NEK-RFOU/B(IC)5P1.0	5	1.0	0.77	19.60	437	650
NEK-RFOU/B(IC)6P1.0	6	1.0	0.80	20.30	470	700
NEK-RFOU/B(IC)7P1.0	7	1.0	0.80	20.30	491	730
NEK-RFOU/B(IC)8P1.0	8	1.0	0.86	21.90	564	840
NEK-RFOU/B(IC)10P1.0	10	1.0	0.97	24.60	692	1030
NEK-RFOU/B(IC)12P1.0	12	1.0	1.00	25.50	759	1130
NEK-RFOU/B(IC)14P1.0	14	1.0	1.05	26.60	833	1240
NEK-RFOU/B(IC)16P1.0	16	1.0	1.12	28.40	941	1400
NEK-RFOU/B(IC)19P1.0	19	1.0	1.14	28.90	1021	1520
NEK-RFOU/B(IC)24P1.0	24	1.0	1.35	34.20	1371	2040
NEK-RFOU/B(IC)32P1.0	32	1.0	1.47	37.20	1714	2550

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES



NEK 606 RFOU(IC) CABLE

250V RFOU(IC) FLAME RETARDANT, MUD RESISTANT CABLE: SHIELDED PAIRS/TRIADS

250V RFOU(IC): INDIVIDUAL & COMMON SHIELDED PAIRS

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (MM2)	INPHES	MM	LBS/MFT	KG/KM
NEK-RFOU/B(C)1P1.5	1	1.5	0.48	12.30	175	260
NEK-RFOU/B(IC)2P1.5	2	1.5	0.70	17.70	336	500
NEK-RFOU/B(IC)3P1.5	3	1.5	0.73	18.50	383	570
NEK-RFOU/B(IC)4P1.5	4	1.5	0.80	20.20	450	670
NEK-RFOU/B(IC)5P1.5	5	1.5	0.87	22.20	538	800
NEK-RFOU/B(IC)6P1.5	6	1.5	0.91	23.00	591	880
NEK-RFOU/B(IC)7P1.5	7	1.5	0.91	23.00	618	920
NEK-RFOU/B(IC)8P1.5	8	1.5	0.98	24.90	706	1050
NEK-RFOU/B(IC)10P1.5	10	1.5	1.11	28.10	867	1290
NEK-RFOU/B(IC)12P1.5	12	1.5	1.15	29.10	954	1420
NEK-RFOU/B(IC)14P1.5	14	1.5	1.20	30.50	1068	1590
NEK-RFOU/B(IC)16P1.5	16	1.5	1.30	33.00	1277	1900
NEK-RFOU/B(IC)19P1.5	19	1.5	1.34	34.10	1378	2050
NEK-RFOU/B(IC)24P1.5	24	1.5	1.56	39.70	1821	2710
NEK-RFOU/B(IC)32P1.5	32	1.5	1.69	42.80	2197	3270
NEK-RFOU/B(C)1P2.5	1	2.5	0.52	13.10	202	300
NEK-RFOU/B(IC)2P2.5	2	2.5	0.76	19.20	403	600
NEK-RFOU/B(IC)3P2.5	3	2.5	0.80	20.20	470	700
NEK-RFOU/B(IC)4P2.5	4	2.5	0.86	21.90	564	840
NEK-RFOU/B(IC)5P2.5	5	2.5	0.95	24.20	672	1000
NEK-RFOU/B(IC)6P2.5	6	2.5	0.99	25.20	746	1110
NEK-RFOU/B(IC)7P2.5	7	2.5	0.99	25.20	786	1170
NEK-RFOU/B(IC)8P2.5	8	2.5	1.08	27.40	900	1340
NEK-RFOU/B(IC)10P2.5	10	2.5	1.22	30.90	1115	1660
NEK-RFOU/B(IC)12P2.5	12	2.5	1.26	32.00	1236	1840
NEK-RFOU/B(IC)14P2.5	14	2.5	1.36	34.50	1458	2170
NEK-RFOU/B(IC)16P2.5	16	2.5	1.47	37.20	1707	2540
NEK-RFOU/B(IC)19P2.5	19	2.5	1.50	38.00	1875	2790
NEK-RFOU/B(IC)24P2.5	24	2.5	1.72	43.80	2385	3550
NEK-RFOU/B(IC)32P2.5	32	2.5	1.88	47.80	2963	4410

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES

LSZH CABLE



NEK 606 RFOU(IC) CABLE

250V RFOU(IC) FLAME RETARDANT, MUD RESISTANT CABLE: SHIELDED PAIRS/TRIADS

250V RFOU(IC): INDIVIDUAL & COMMON SHIELDED TRIADS

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (MM2)	INPHES	MM	LBS/MFT	KG/KM
NEK-RFOU/B(C)1T0.75	1	0.75	0.44	11.20	148	220
NEK-RFOU/B(IC)2T0.75	2	0.75	0.62	15.80	276	410
NEK-RFOU/B(IC)3T0.75	3	0.75	0.66	16.70	323	480
NEK-RFOU/B(IC)4T0.75	4	0.75	0.71	18.00	376	560
NEK-RFOU/B(IC)5T0.75	5	0.75	0.78	19.80	443	660
NEK-RFOU/B(IC)6T0.75	6	0.75	0.86	21.90	524	780
NEK-RFOU/B(IC)7T0.75	7	0.75	0.86	21.90	551	820
NEK-RFOU/B(IC)8T0.75	8	0.75	0.91	23.20	611	910
NEK-RFOU/B(IC)10T0.75	10	0.75	1.02	25.90	739	1100
NEK-RFOU/B(IC)12T0.75	12	0.75	1.08	27.30	833	1240
NEK-RFOU/B(IC)14T0.75	14	0.75	1.12	28.40	914	1360
NEK-RFOU/B(IC)16T0.75	16	0.75	1.18	30.00	1021	1520
NEK-RFOU/B(IC)19T0.75	19	0.75	1.28	32.60	1243	1850
NEK-RFOU/B(IC)24T0.75	24	0.75	1.45	36.70	1552	2310
NEK-RFOU/B(IC)32T0.75	32	0.75	1.63	41.50	1976	2940
NEK-RFOU/B(C)1T1.0	1	1.0	0.46	11.70	161	240
NEK-RFOU/B(IC)2T1.0	2	1.0	0.66	16.70	309	460
NEK-RFOU/B(IC)3T1.0	3	1.0	0.69	17.50	356	530
NEK-RFOU/B(IC)4T1.0	4	1.0	0.74	18.90	423	630
NEK-RFOU/B(IC)5T1.0	5	1.0	0.82	20.70	497	740
NEK-RFOU/B(IC)6T1.0	6	1.0	0.91	23.10	598	890
NEK-RFOU/B(IC)7T1.0	7	1.0	0.91	23.10	625	930
NEK-RFOU/B(IC)8T1.0	8	1.0	0.97	24.50	699	1040
NEK-RFOU/B(IC)10T1.0	10	1.0	1.08	27.40	853	1270
NEK-RFOU/B(IC)12T1.0	12	1.0	1.14	28.90	961	1430
NEK-RFOU/B(IC)14T1.0	14	1.0	1.18	30.00	1062	1580
NEK-RFOU/B(IC)16T1.0	16	1.0	1.25	31.70	1176	1750
NEK-RFOU/B(IC)19T1.0	19	1.0	1.37	34.90	1431	2130
NEK-RFOU/B(IC)24T1.0	24	1.0	1.53	38.90	1801	2680
NEK-RFOU/B(IC)32T1.0	32	1.0	1.74	44.30	2352	3500

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LSZH CABLE



NEK 606 RFOU(IC) CABLE

250V RFOU(IC) FLAME RETARDANT, MUD RESISTANT CABLE: SHIELDED PAIRS/TRIADS

250V RFOU(IC): INDIVIDUAL & COMMON SHIELDED TRIADS

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (MM2)	INPHES	MM	LBS/MFT	KG/KM
NEK-RFOU/B(C)1T1.5	1	1.5	0.50	12.80	195	290
NEK-RFOU/B(IC)2T1.5	2	1.5	0.74	18.70	376	560
NEK-RFOU/B(IC)3T1.5	3	1.5	0.78	19.80	443	660
NEK-RFOU/B(IC)4T1.5	4	1.5	0.84	21.40	524	780
NEK-RFOU/B(IC)5T1.5	5	1.5	0.93	23.60	632	940
NEK-RFOU/B(IC)6T1.5	6	1.5	1.04	26.30	753	1120
NEK-RFOU/B(IC)7T1.5	7	1.5	1.04	26.30	793	1180
NEK-RFOU/B(IC)8T1.5	8	1.5	1.11	28.10	894	1330
NEK-RFOU/B(IC)10T1.5	10	1.5	1.24	31.60	1095	1630
NEK-RFOU/B(IC)12T1.5	12	1.5	1.34	34.10	1310	1950
NEK-RFOU/B(IC)14T1.5	14	1.5	1.41	35.70	1505	2240
NEK-RFOU/B(IC)16T1.5	16	1.5	1.50	38.00	1680	2500
NEK-RFOU/B(IC)19T1.5	19	1.5	1.61	40.90	1935	2880
NEK-RFOU/B(IC)24T1.5	24	1.5	1.78	45.10	2385	3550
NEK-RFOU/B(IC)32T1.5	32	1.5	2.03	51.60	3078	4580
NEK-RFOU/B(C)1T2.5	1	2.5	0.54	13.60	228	340
NEK-RFOU/B(IC)2T2.5	2	2.5	0.80	20.40	464	690
NEK-RFOU/B(IC)3T2.5	3	2.5	0.84	21.40	551	820
NEK-RFOU/B(IC)4T2.5	4	2.5	0.92	23.40	665	990
NEK-RFOU/B(IC)5T2.5	5	2.5	1.02	25.80	800	1190
NEK-RFOU/B(IC)6T2.5	6	2.5	1.14	28.90	961	1430
NEK-RFOU/B(IC)7T2.5	7	2.5	1.14	28.90	1015	1510
NEK-RFOU/B(IC)8T2.5	8	2.5	1.22	30.90	1149	1710
NEK-RFOU/B(IC)10T2.5	10	2.5	1.41	35.80	1552	2310
NEK-RFOU/B(IC)12T2.5	12	2.5	1.49	37.90	1754	2610
NEK-RFOU/B(IC)14T2.5	14	2.5	1.56	39.50	1949	2900
NEK-RFOU/B(IC)16T2.5	16	2.5	1.65	41.90	2184	3250
NEK-RFOU/B(IC)19T2.5	19	2.5	1.79	45.40	2574	3830
NEK-RFOU/B(IC)24T2.5	24	2.5	1.97	50.10	3138	4670
NEK-RFOU/B(IC)32T2.5	32	2.5	2.27	57.70	4166	6200

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