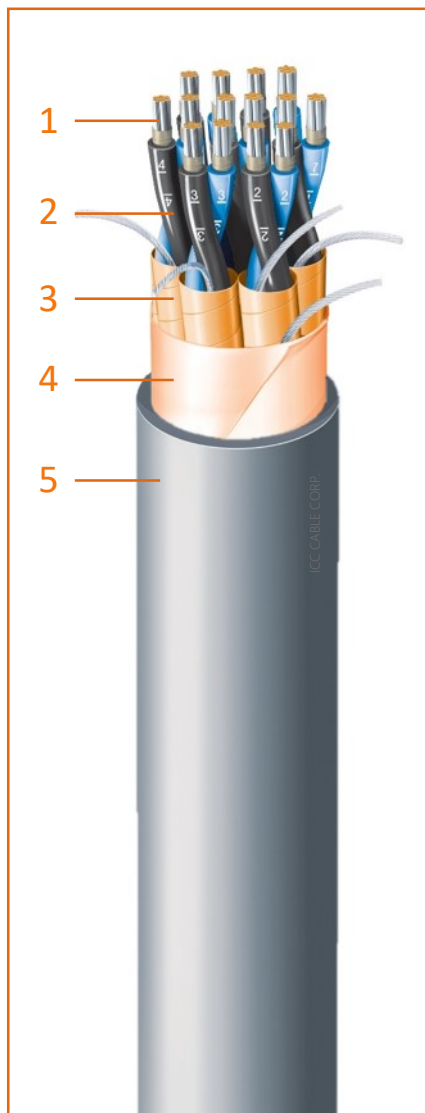


NEK 606 BU(IC) CABLE

BU(IC) MUD RESISTANT, FIRE RESISTANT CABLE: 250V SHIELDED PAIRS/TRIADS



PRODUCT DESCRIPTION

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

PRODUCT CONSTRUCTION

1. CONDUCTOR

STRANDED TINNED ANNEALED COPPER WIRE
MICA/GLASS TAPE FOR FIRE RESISTANT LAYER
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. SHEATH

SHF MUD,
GRAY COLOR

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
- FIRE RESISTANT: IEC 60331-1/2/21
- 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)

BU(IC) MUD RESISTANT, FIRE RESISTANT CABLE: 250V SHIELDED PAIRS

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

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (MM ²)	INPHES	MM	LBS/MFT	KG/KM
NEK-BU/B(C)1P0.75	1	0.75	0.34	8.60	74	110
NEK-BU/B(IC)2P0.75	2	0.75	0.54	13.80	175	260
NEK-BU/B(IC)3P0.75	3	0.75	0.58	14.80	215	320
NEK-BU/B(IC)4P0.75	4	0.75	0.63	16.10	255	380
NEK-BU/B(IC)5P0.75	5	0.75	0.71	18.10	323	480
NEK-BU/B(IC)6P0.75	6	0.75	0.74	18.80	356	530
NEK-BU/B(IC)7P0.75	7	0.75	0.74	18.80	376	560
NEK-BU/B(IC)8P0.75	8	0.75	0.82	20.80	443	660
NEK-BU/B(IC)10P0.75	10	0.75	0.93	23.70	564	840
NEK-BU/B(IC)12P0.75	12	0.75	0.97	24.60	625	930
NEK-BU/B(IC)14P0.75	14	0.75	1.03	26.10	712	1060
NEK-BU/B(IC)16P0.75	16	0.75	1.11	28.10	827	1230
NEK-BU/B(IC)19P0.75	19	0.75	1.13	28.70	900	1340
NEK-BU/B(IC)24P0.75	24	0.75	1.33	33.70	1203	1790
NEK-BU/B(IC)32P0.75	32	0.75	1.44	36.60	1485	2210
NEK-BU/B(C)1P1.0	1	1.0	0.36	9.20	87	130
NEK-BU/B(IC)2P1.0	2	1.0	0.58	14.70	202	300
NEK-BU/B(IC)3P1.0	3	1.0	0.61	15.50	242	360
NEK-BU/B(IC)4P1.0	4	1.0	0.68	17.20	302	450
NEK-BU/B(IC)5P1.0	5	1.0	0.75	19.10	363	540
NEK-BU/B(IC)6P1.0	6	1.0	0.79	20.00	417	620
NEK-BU/B(IC)7P1.0	7	1.0	0.79	20.00	437	650
NEK-BU/B(IC)8P1.0	8	1.0	0.86	21.90	511	760
NEK-BU/B(IC)10P1.0	10	1.0	0.99	25.20	659	980
NEK-BU/B(IC)12P1.0	12	1.0	1.03	26.20	732	1090
NEK-BU/B(IC)14P1.0	14	1.0	1.08	27.50	820	1220
NEK-BU/B(IC)16P1.0	16	1.0	1.17	29.70	954	1420
NEK-BU/B(IC)19P1.0	19	1.0	1.19	30.30	1042	1550
NEK-BU/B(IC)24P1.0	24	1.0	1.40	35.60	1384	2060
NEK-BU/B(IC)32P1.0	32	1.0	1.53	38.90	1747	2600

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES

BU(IC) MUD RESISTANT, FIRE RESISTANT CABLE: 250V SHIELDED PAIRS

250V BU(IC) CABLE: INDIVIDUAL & COMMON SHIELDED PAIRS

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (MM2)	INPHES	MM	LBS/MFT	KG/KM
NEK-BU/B(C)1P1.5	1	1.5	0.40	10.10	108	160
NEK-BU/B(IC)2P1.5	2	1.5	0.65	16.40	249	370
NEK-BU/B(IC)3P1.5	3	1.5	0.69	17.50	309	460
NEK-BU/B(IC)4P1.5	4	1.5	0.76	19.20	376	560
NEK-BU/B(IC)5P1.5	5	1.5	0.85	21.60	464	690
NEK-BU/B(IC)6P1.5	6	1.5	0.89	22.50	531	790
NEK-BU/B(IC)7P1.5	7	1.5	0.89	22.50	558	830
NEK-BU/B(IC)8P1.5	8	1.5	0.98	24.80	645	960
NEK-BU/B(IC)10P1.5	10	1.5	1.13	28.60	840	1250
NEK-BU/B(IC)12P1.5	12	1.5	1.17	29.70	941	1400
NEK-BU/B(IC)14P1.5	14	1.5	1.23	31.30	1068	1590
NEK-BU/B(IC)16P1.5	16	1.5	1.33	33.80	1236	1840
NEK-BU/B(IC)19P1.5	19	1.5	1.36	34.50	1357	2020
NEK-BU/B(IC)24P1.5	24	1.5	1.59	40.50	1801	2680
NEK-BU/B(IC)32P1.5	32	1.5	1.74	44.20	2271	3380
NEK-BU/B(C)1P2.5	1	2.5	0.43	11.00	128	190
NEK-BU/B(IC)2P2.5	2	2.5	0.71	18.00	316	470
NEK-BU/B(IC)3P2.5	3	2.5	0.75	19.10	383	570
NEK-BU/B(IC)4P2.5	4	2.5	0.83	21.10	484	720
NEK-BU/B(IC)5P2.5	5	2.5	0.94	23.80	605	900
NEK-BU/B(IC)6P2.5	6	2.5	0.97	24.70	672	1000
NEK-BU/B(IC)7P2.5	7	2.5	0.97	24.70	712	1060
NEK-BU/B(IC)8P2.5	8	2.5	1.08	27.30	847	1260
NEK-BU/B(IC)10P2.5	10	2.5	1.24	31.50	1095	1630
NEK-BU/B(IC)12P2.5	12	2.5	1.29	32.70	1230	1830
NEK-BU/B(IC)14P2.5	14	2.5	1.36	34.60	1404	2090
NEK-BU/B(IC)16P2.5	16	2.5	1.47	37.30	1626	2420
NEK-BU/B(IC)19P2.5	19	2.5	1.50	38.10	1787	2660
NEK-BU/B(IC)24P2.5	24	2.5	1.77	44.90	2399	3570
NEK-BU/B(IC)32P2.5	32	2.5	1.93	48.90	3004	4470

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES

LSZH CABLE

NEK 606 BU(IC) CABLE

BU(IC) MUD RESISTANT, FIRE RESISTANT CABLE: 250V SHIELDED TRIADS

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

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (MM2)	INPHES	MM	LBS/MFT	KG/KM
NEK-BU/B(C)1T0.75	1	0.75	0.36	9.20	81	120
NEK-BU/B(IC)2T0.75	2	0.75	0.58	14.80	208	310
NEK-BU/B(IC)3T0.75	3	0.75	0.62	15.80	249	370
NEK-BU/B(IC)4T0.75	4	0.75	0.69	17.50	316	470
NEK-BU/B(IC)5T0.75	5	0.75	0.76	19.30	376	560
NEK-BU/B(IC)6T0.75	6	0.75	0.86	21.90	470	700
NEK-BU/B(IC)7T0.75	7	0.75	0.86	21.90	497	740
NEK-BU/B(IC)8T0.75	8	0.75	0.93	23.60	571	850
NEK-BU/B(IC)10T0.75	10	0.75	1.06	26.80	726	1080
NEK-BU/B(IC)12T0.75	12	0.75	1.12	28.50	840	1250
NEK-BU/B(IC)14T0.75	14	0.75	1.17	29.70	934	1390
NEK-BU/B(IC)16T0.75	16	0.75	1.25	31.80	1062	1580
NEK-BU/B(IC)19T0.75	19	0.75	1.35	34.40	1257	1870
NEK-BU/B(IC)24T0.75	24	0.75	1.50	38.20	1559	2320
NEK-BU/B(IC)32T0.75	32	0.75	1.74	44.30	2110	3140
NEK-BU/B(C)1T1.0	1	1.0	0.38	9.70	101	150
NEK-BU/B(IC)2T1.0	2	1.0	0.61	15.60	235	350
NEK-BU/B(IC)3T1.0	3	1.0	0.65	16.60	289	430
NEK-BU/B(IC)4T1.0	4	1.0	0.72	18.40	356	530
NEK-BU/B(IC)5T1.0	5	1.0	0.81	20.60	443	660
NEK-BU/B(IC)6T1.0	6	1.0	0.92	23.40	558	830
NEK-BU/B(IC)7T1.0	7	1.0	0.92	23.40	585	870
NEK-BU/B(IC)8T1.0	8	1.0	0.99	25.20	679	1010
NEK-BU/B(IC)10T1.0	10	1.0	1.13	28.70	860	1280
NEK-BU/B(IC)12T1.0	12	1.0	1.19	30.30	974	1450
NEK-BU/B(IC)14T1.0	14	1.0	1.25	31.80	1102	1640
NEK-BU/B(IC)16T1.0	16	1.0	1.34	33.90	1257	1870
NEK-BU/B(IC)19T1.0	19	1.0	1.45	36.80	1485	2210
NEK-BU/B(IC)24T1.0	24	1.0	1.61	40.80	1841	2740
NEK-BU/B(IC)32T1.0	32	1.0	1.86	47.30	2493	3710

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES

LSZH CABLE

NEK 606 BU(IC) CABLE

BU(IC) MUD RESISTANT, FIRE RESISTANT CABLE: 250V SHIELDED TRIADS

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

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (MM ²)	INPHES	MM	LBS/MFT	KG/KM
NEK-BU/B(C)1T1.5	1	1.5	0.42	10.70	121	180
NEK-BU/B(IC)2T1.5	2	1.5	0.70	17.70	302	450
NEK-BU/B(IC)3T1.5	3	1.5	0.74	18.80	370	550
NEK-BU/B(IC)4T1.5	4	1.5	0.82	20.90	464	690
NEK-BU/B(IC)5T1.5	5	1.5	0.92	23.30	571	850
NEK-BU/B(IC)6T1.5	6	1.5	1.04	26.50	719	1070
NEK-BU/B(IC)7T1.5	7	1.5	1.04	26.50	759	1130
NEK-BU/B(IC)8T1.5	8	1.5	1.12	28.50	874	1300
NEK-BU/B(IC)10T1.5	10	1.5	1.28	32.50	1109	1650
NEK-BU/B(IC)12T1.5	12	1.5	1.36	34.50	1283	1910
NEK-BU/B(IC)14T1.5	14	1.5	1.42	36.10	1451	2160
NEK-BU/B(IC)16T1.5	16	1.5	1.52	38.50	1653	2460
NEK-BU/B(IC)19T1.5	19	1.5	1.65	41.90	1955	2910
NEK-BU/B(IC)24T1.5	24	1.5	1.84	46.60	2453	3650
NEK-BU/B(IC)32T1.5	32	1.5	2.12	53.80	3279	4880
NEK-BU/B(C)1T2.5	1	2.5	0.47	11.80	161	240
NEK-BU/B(IC)2T2.5	2	2.5	0.76	19.20	376	560
NEK-BU/B(IC)3T2.5	3	2.5	0.81	20.60	477	710
NEK-BU/B(IC)4T2.5	4	2.5	0.90	22.90	605	900
NEK-BU/B(IC)5T2.5	5	2.5	1.01	25.60	746	1110
NEK-BU/B(IC)6T2.5	6	2.5	1.15	29.10	927	1380
NEK-BU/B(IC)7T2.5	7	2.5	1.15	29.10	988	1470
NEK-BU/B(IC)8T2.5	8	2.5	1.23	31.30	1136	1690
NEK-BU/B(IC)10T2.5	10	2.5	1.41	35.70	1445	2150
NEK-BU/B(IC)12T2.5	12	2.5	1.49	37.90	1680	2500
NEK-BU/B(IC)14T2.5	14	2.5	1.57	39.80	1902	2830
NEK-BU/B(IC)16T2.5	16	2.5	1.67	42.50	2177	3240
NEK-BU/B(IC)19T2.5	19	2.5	1.81	46.00	2567	3820
NEK-BU/B(IC)24T2.5	24	2.5	2.02	51.30	3232	4810
NEK-BU/B(IC)32T2.5	32	2.5	2.34	59.40	4368	6500

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES

LSZH CABLE