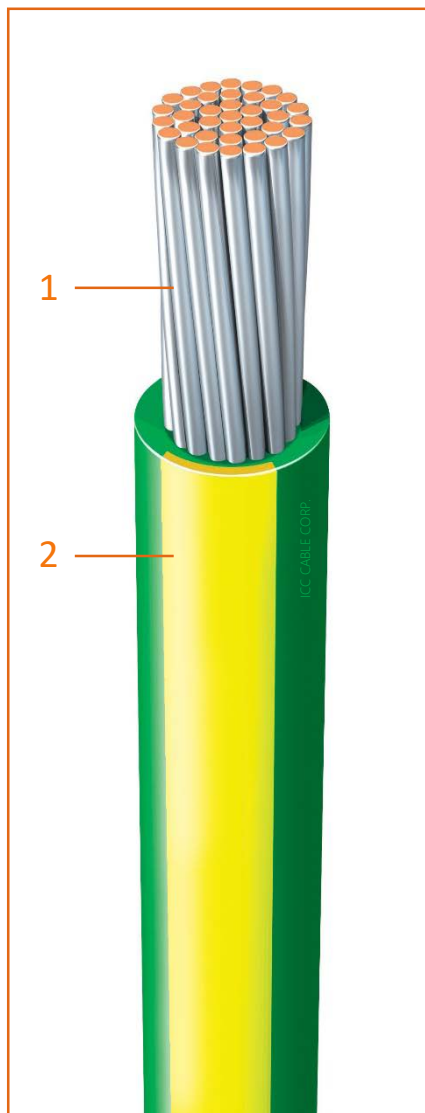


UX, FLAME RETARDANT HALOGEN FREE WIRE : 0.6/1KV EARTH WIRE, P15



PRODUCT DESCRIPTION

0.6./1KV SWITCHBOARD/EARTH WIRE, P15
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 (FX-)

2. INSULATION

SHF 2, YELLOW/GREEN COLOR
SHF MUD OPTIONS AVAILABLE (UX/B)
EPR OPTIONS AVAILABLE (RX)

ICC CABLE CORP.

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)

UX, FLAME RETARDANT HALOGEN FREE WIRE : 0.6/1KV EARTH WIRE, P15

0.6/1KV UX WIRE

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT		AMPACITY
	# OF CORES	SIZE (MM ²)	INCHES	MM	LBS/MFT	KG/KM	90°C
NEK-UX1C1.0	1	1.0	0.22	3.50	34	26	18
NEK-UX1C1.5	1	1.5	0.15	3.80	22	33	23
NEK-UX1C2.5	1	2.5	0.17	4.20	29	43	30
NEK-UX1C4	1	4	0.19	4.70	40	59	40
NEK-UX1C6	1	6	0.21	5.30	54	81	52
NEK-UX1C10	1	10	0.24	6.20	81	120	72
NEK-UX1C16	1	16	0.28	7.20	121	180	96
NEK-UX1C25	1	25	0.35	8.90	188	280	127
NEK-UX1C35	1	35	0.39	10.00	255	380	157
NEK-UX1C50	1	50	0.47	11.80	343	510	196
NEK-UX1C70	1	70	0.55	13.90	491	730	242
NEK-UX1C95	1	95	0.62	15.80	659	980	293
NEK-UX1C120	1	120	0.68	17.30	813	1210	339
NEK-UX1C150	1	150	0.76	19.20	995	1480	389
NEK-UX1C185	1	185	0.85	21.50	1250	1860	444
NEK-UX1C240	1	240	0.97	24.50	1640	2440	522
NEK-UX1C300	1	300	1.07	27.20	2036	3030	601

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 90°C BASED ON IEC 60092-352 TABLE B.4

0.6/1KV FX-UX WIRE (CLASS 5 FLEXIBLE CONDUCTOR)

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT		AMPACITY
	# OF CORES	SIZE (MM ²)	INCHES	MM	LBS/MFT	KG/KM	90°C
NEK-FX-UX1C1.0	1	1.0	0.14	3.50	17	26	18
NEK-FX-UX1C1.5	1	1.5	0.15	3.80	22	32	23
NEK-FX-UX1C2.5	1	2.5	0.17	4.30	30	44	30
NEK-FX-UX1C4	1	4	0.19	4.80	40	60	40
NEK-FX-UX1C6	1	6	0.21	5.40	54	81	52
NEK-FX-UX1C10	1	10	0.25	6.30	81	120	72
NEK-FX-UX1C16	1	16	0.31	7.80	121	180	96
NEK-FX-UX1C25	1	25	0.38	9.70	181	270	127
NEK-FX-UX1C35	1	35	0.43	10.90	249	370	157
NEK-FX-UX1C50	1	50	0.51	12.90	356	530	196
NEK-FX-UX1C70	1	70	0.60	15.20	504	750	242
NEK-FX-UX1C95	1	95	0.67	16.90	645	960	293
NEK-FX-UX1C120	1	120	0.74	18.70	813	1210	339
NEK-FX-UX1C150	1	150	0.82	20.90	1015	1510	389
NEK-FX-UX1C185	1	185	0.90	22.80	1236	1840	444
NEK-FX-UX1C240	1	240	1.02	25.90	1619	2410	522
NEK-FX-UX1C300	1	300	1.14	28.90	2043	3040	601

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 90°C BASED ON IEC 60092-352 TABLE B.4

LSZH CABLE

NEK 606 UX CABLE

RX, FLAME RETARDANT HALOGEN FREE WIRE : 0.6/1KV EARTH WIRE

0.6/1KV RX WIRE (EPR INSULATION)

PART NO.	CONDUCTOR		NOMINAL OD		WEIGHT		AMPACITY
	# OF CORES	SIZE (MM ²)	INCHES	MM	LBS/MFT	KG/KM	90°C
NEK-RX-1C1.0	1	1.0	0.22	5.50	32	47	18
NEK-RX-1C1.5	1	1.5	0.23	5.80	36	54	23
NEK-RX-1C2.5	1	2.5	0.24	6.20	45	67	30
NEK-RX-1C4	1	4	0.26	6.70	57	85	40
NEK-RX-1C6	1	6	0.29	7.30	73	109	52
NEK-RX-1C10	1	10	0.32	8.20	101	150	72
NEK-RX-1C16	1	16	0.37	9.40	148	220	96
NEK-RX-1C25	1	25	0.44	11.10	222	330	127
NEK-RX-1C35	1	35	0.49	12.40	296	440	157
NEK-RX-1C50	1	50	0.57	14.40	396	590	196
NEK-RX-1C70	1	70	0.65	16.50	544	810	242
NEK-RX-1C95	1	95	0.73	18.60	732	1090	293
NEK-RX-1C120	1	120	0.80	20.30	900	1340	339
NEK-RX-1C150	1	150	0.88	22.40	1095	1630	389
NEK-RX-1C185	1	185	0.98	24.90	1364	2030	444
NEK-RX-1C240	1	240	1.11	28.10	1774	2640	522
NEK-RX-1C300	1	300	1.22	31.00	2197	3270	601

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 90°C BASED ON IEC 60092-352 TABLE B.4

ICC CABLE CORP.

LSZH CABLE