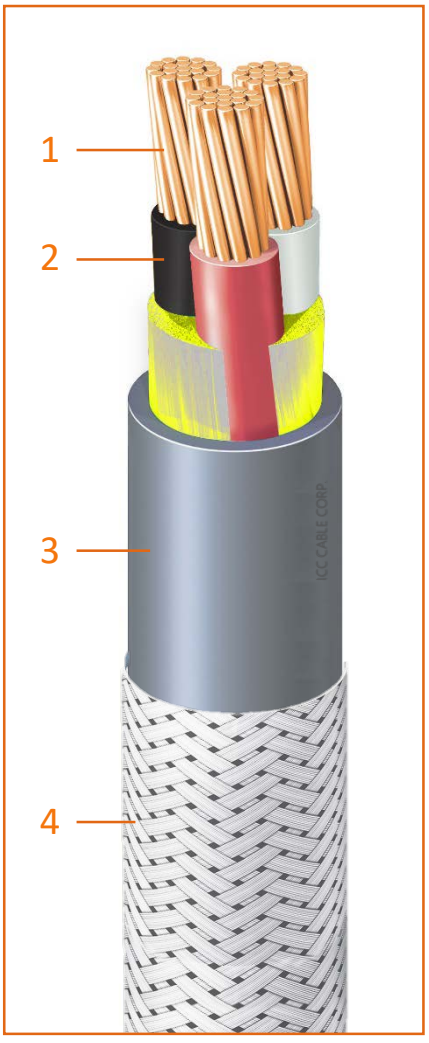
ICC CABLE CORP.

IEEE 1580 TYPE T/N CABLE

TYPE T/N, POWER CABLE



PRODUCT DESCRIPTION

0.6/1KV COMMERCIAL MARINE SHIPBOARD CABLE
90°C TEMPERATURE RATING
MOISTURE, SUNLIGHT RESISTANT
ABS, USCG APPROVED, UL LISTED

MADE IN USA

PRODUCT CONSTRUCTION

1. CONDUCTOR

STRANDED SOFT ANNEALED BARE COPPER WIRE
TINNED COPPER CONDUCTOR OPTION AVAILABLE

2. INSULATION

POLYVINYL CHLORIDE (PVC) AND POLYAMIDE (NYLON)
COLOR CODE: ICEA METHOD 1, TABLE E-1

3. JACKET

720 HR SUNLIGHT RESISTANT POLYVINYL CHLORIDE (PVC) JACKET, GREY COLOR

4. ARMOR (OPTIONAL)

ALUMINUM (-A), STAINLESS STEEL (-S), BRONZE (-B) AVAILABLE

STANDARDS

- IEEE 45, IEEE 1580 (2001)
- UL 1309, CSA C22.2 No. 245
- GOV. STD: 46 CFR 111.60-1(a)(2014)
- ROHS COMPLIANT
- VW-1 FLAME TEST
- IEEE 1202/UL 1683 FLAME TEST
- IEEE 383, UL 1581 (1685)
- UL 1202/FT-4 70,000 BTU FLAME TEST

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ICC CABLE CORP.

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SNIU/SNIA/SNIB: SINGLE CONDUCTOR

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	AMPACITY
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	90°C
SNIU-4	1	14	0.203	37	34
SNIU-6	1	12	0.220	47	43
SNIU-10	1	10	0.256	65	54
SNIU-16	1	8	0.305	102	68
SNIU-26	1	6	0.342	139	88
SNIU-41	1	4	0.418	202	118
SNIU-66	1	2	0.469	277	156
SNIU-83	1	1	0.566	371	180
SNIU-106	1	1/0	0.608	463	207
SNIU-133	1	2/0	0.654	556	240
SNIU-168	1	3/0	0.706	656	278
SNIU-212	1	4/0	0.767	849	324

*ADD .055 INCHES FOR ARMORED CABLE OD
-A, -B and **-S** IN PART NUMBER INDICATES TYPE OF ARMORING
DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25

MADE IN USA

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MADE IN USA

DNIU/DNIA/DNIB: TWO CONDUCTOR

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	AMPACITY
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	90°C
DNIU-2	2	18	0.265	39	13
DNIU-3	2	16	0.289	49	18
DNIU-4	2	14	0.320	63	27
DNIU-6	2	12	0.356	82	36
DNIU-10	2	10	0.425	122	46
DNIU-16	2	8	0.553	218	60
DNIU-26	2	6	0.627	290	79
DNIU-41	2	4	0.763	417	101
DNIU-66	2	2	0.924	633	137
DNIU-83	2	1	1.058	801	161
DNIU-106	2	1/0	1.141	1058	183
DNIU-133	2	2/0	1.207	1315	233
DNIU-168	2	3/0	1.337	1473	245
DNIU-212	2	4/0	1.457	1916	284

* ADD .055 INCHES FOR ARMORED CABLE OD
-A, -B and **-S** IN PART NUMBER INDICATES TYPE OF ARMORING
DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25

DNSIU/DNSIA/DNSIB: TWO CONDUCTOR, OVERALL SHIELDED

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	AMPACITY	DRAIN WIRE
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	90°C	SIZE (AWG)
DNSIU-3	2	16	0.289	51	18	18
DNSIU-4	2	14	0.320	65	27	18
DNSIU-6	2	12	0.353	96	36	14
DNSIU-10	2	10	0.425	139	46	12
DNSIU-16	2	8	0.556	234	60	12
DNSIU-26	2	6	0.632	340	79	10
DNSIU-41	2	4	0.765	468	101	8
DNSIU-66	2	2	0.923	755	137	6
DNSIU-83	2	1	1.062	864	161	12

* ADD .055 INCHES FOR ARMORED CABLE OD
-A, -B and **-S** IN PART NUMBER INDICATES TYPE OF ARMORING
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CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25

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MADE IN USA

TNIU/TNIA/TNIB: THREE CONDUCTOR

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	AMPACITY
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	90°C
TNIU-3	3	16	0.305	64	15
TNIU-4	3	14	0.338	84	24
TNIU-6	3	12	0.374	112	29
TNIU-10	3	10	0.452	162	38
TNIU-16	3	8	0.587	288	48
TNIU-26	3	6	0.667	406	65
TNIU-41	3	4	0.857	624	83
TNIU-66	3	2	0.984	889	111
TNIU-83	3	1	1.129	1147	131
TNIU-106	3	1/0	1.220	1403	150
TNIU-133	3	2/0	1.290	1697	173
TNIU-168	3	3/0	1.431	1989	201
TNIU-212	3	4/0	1.561	2604	232

* ADD .055 INCHES FOR ARMORED CABLE OD
-A, -B and **-S** IN PART NUMBER INDICATES TYPE OF ARMORING
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CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25

TNSIU/TNSIA/TNSIB: THREE CONDUCTOR, OVERALL SHIELDED

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	AMPACITY	DRAIN WIRE
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	90°C	SIZE (AWG)
TNSIU-3	3	16	0.304	62	15	20
TNSIU-4	3	14	0.337	90	24	18
TNSIU-6	3	12	0.373	122	29	14
TNSIU-10	3	10	0.451	181	38	12
TNSIU-16	3	8	0.593	313	48	12
TNSIU-26	3	6	0.670	510	65	8
TNSIU-41	3	4	0.857	677	83	8
TNSIU-66	3	2	0.984	1072	111	4
TNSIU-83	3	1	1.129	1254	131	4
TNSIU-106	3	1/0	1.225	1530	150	12

* ADD .055 INCHES FOR ARMORED CABLE OD
-A, -B and **-S** IN PART NUMBER INDICATES TYPE OF ARMORING
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CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25

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MADE IN USA

FNIU/FNIA/FNIB: FOUR CONDUCTOR

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	AMPACITY
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	90°C
FNIU-4	4	14	0.366	103	24
FNIU-6	4	12	0.423	146	29
FNIU-10	4	10	0.493	208	38
FNIU-16	4	8	0.641	369	48
FNIU-26	4	6	0.730	512	65
FNIU-41	4	4	0.937	803	83
FNIU-66	4	2	1.079	1145	111
FNIU-83	4	1	1.241	1519	131
FNIU-106	4	1/0	1.342	1788	150
FNIU-133	4	2/0	1.453	2205	173
FNIU-168	4	3/0	1.578	2634	201
FNIU-212	4	4/0	1.783	3529	232

* ADD .055 INCHES FOR ARMORED CABLE OD
-A, -B and **-S** IN PART NUMBER INDICATES TYPE OF ARMORING
DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25

FNSIU/FNSIA/FNSIB: FOUR CONDUCTOR, OVERALL SHIELDED

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	AMPACITY	DRAIN WIRE
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	90°C	SIZE (AWG)
FNSIU-2	4	18	0.300	59	8	20
FNSIU-3	4	16	0.329	79	11	20
FNSIU-4	4	14	0.366	103	24	18
FNSIU-6	4	12	0.406	143	29	16
FNSIU-10	4	10	0.493	220	38	14
FNSIU-16	4	8	0.645	417	48	12
FNSIU-26	4	6	0.732	572	65	10
FNSIU-41	4	4	0.942	886	83	12
FNSIU-66	4	2	1.084	1291	111	12
FNSIU-106	4	1/0	1.345	1945	150	4

* ADD .055 INCHES FOR ARMORED CABLE OD
-A, -B and **-S** IN PART NUMBER INDICATES TYPE OF ARMORING
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CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25