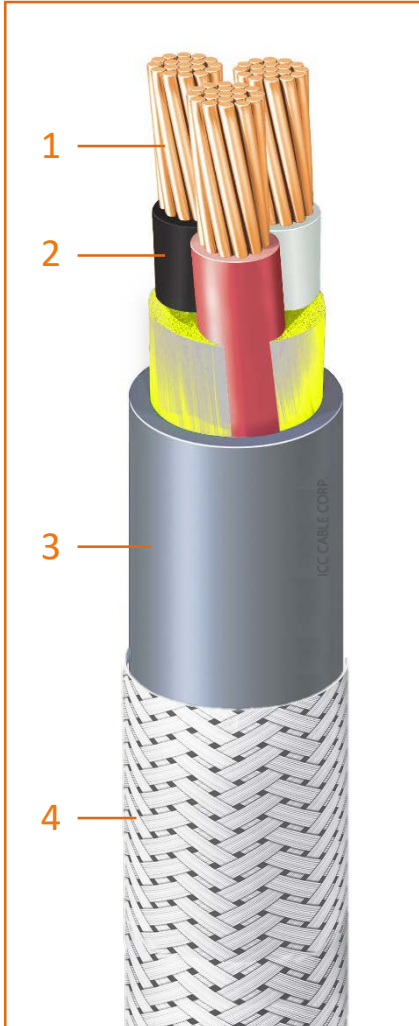


TYPE T/N, CONTROL CABLE



PRODUCT DESCRIPTION

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

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

MADE IN USA



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

TYPE T/N, CONTROL CABLE

MNIU/MNIA/MNIB: MULTI-CONDUCTOR

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT
MNIU-7-2	7	18	0.344	90
MNIU-10-2	10	18	0.486	130
MNIU-14-2	14	18	0.463	159
MNIU-7-3	7	16	0.387	113
MNIU-10-3	10	16	0.481	157
MNIU-14-3	14	16	0.555	226
MNIU-20-3	20	16	0.633	303
MNIU-24-3	24	16	0.695	379
MNIU-30-3	30	16	0.754	434
MNIU-37-3	37	16	0.811	566
MNIU-7-4	7	14	0.433	155
MNIU-10-4	10	14	0.577	234
MNIU-14-4	14	14	0.624	308
MNIU-19-4	19	14	0.691	405
MNIU-20-4	20	14	0.713	444
MNIU-24-4	24	14	0.785	543
MNIU-30-4	30	14	0.893	689
MNIU-37-4	37	14	0.960	775
MNIU-7-6	7	12	0.483	221
MNIU-10-6	10	12	0.643	357
MNIU-14-6	14	12	0.696	458
MNIU-20-6	20	12	0.796	650

* 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

MNIU/MNIA/MNIB: 300V, 20AWG, MULTI-CONDUCTOR

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT
MNIU-10-1	10	20	0.417	99
MNIU-12-1	12	20	0.430	112
MNIU-14-1	14	20	0.423	122

* 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



TYPE T/N, CONTROL CABLE

MNSIU/MNSIA/MNSIB: MULTI-CONDUCTOR, OVERALL SHIELDED

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	DRAIN WIRE
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	SIZE (AWG)
MNSIU-6-2	6	18	0.351	79	20
MNSIU-7-2	7	18	0.344	93	20
MNSIU-10-2	10	18	0.436	118	20
MNSIU-7-3	7	16	0.386	116	20
MNSIU-10-3	10	16	0.453	156	20
MNSIU-12-3	12	16	0.500	185	20
MNSIU-14-3	14	16	0.558	248	20
MNSIU-16-3	16	16	0.586	257	20
MNSIU-20-3	20	16	0.658	315	20
MNSIU-24-3	24	16	0.708	366	20
MNSIU-30-3	30	16	0.756	493	20
MNSIU-37-3	37	16	0.814	581	20
MNSIU-6-4	6	14	0.433	146	16
MNSIU-7-4	7	14	0.433	160	18
MNSIU-10-4	10	14	0.579	264	16
MNSIU-12-4	12	14	0.600	286	18
MNSIU-14-4	14	14	0.626	328	18
MNSIU-16-4	16	14	0.659	357	16
MNSIU-20-4	20	14	0.721	434	18
MNSIU-24-4	24	14	0.830	593	18
MNSIU-30-4	30	14	0.900	660	18
MNSIU-37-4	37	14	0.997	840	18
MNSIU-7-6	7	12	0.483	227	16

* 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

MNIU/MNIA/MNIB: 300V, 20AWG, MULTI-CONDUCTOR, OVERALL SHIELDED

PART NO.	CONDUCTOR		*NOMINAL OD	WEIGHT	DRAIN WIRE
	# OF CORES	SIZE (AWG)	INCHES	LBS/MFT	SIZE (AWG)
MNSIU-8-1	8	20	0.347	75	22
MNSIU-9-1	9	20	0.371	83	22

* 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

