

JIS

JAPANESE INDUSTRIAL STANDARD

**Cables and Flexible Cords for
Electrical Equipment of Ships**

JIS C 3410—1987

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Cables and Flexible Cords for
Electrical Equipment of Ships

C 3410-1987

1. Scope

This standard covers the cables, flexible cords and insulated wires, hereinafter referred to as the "cables", used for electrical equipment of ships.

Remark: The units and numerical values given in { } in this Standard are based on the International System of Units (SI) and are appended for reference.

2. Types and Symbols

The types and symbols of cables are as given in Table 1.

Applicable Standards:

JIS C 2204-Woves Cotton Types for Electrical Insulation
JIS C 3002-Testing Methods of Electrical Copper and Aluminium Wires
JIS C 3005-Testing Method of Plastic Insulated Wires and Cables
JIS C 3102-Annealed Copper Wires for Electrical Purpose
JIS C 3152-Tin Coated Annealed Copper Wires
JIS K 1433-Copper Sulfate, Technical
JIS K 8085-Ammonia Water
JIS K 8252-Ammonium Persulfate
JIS K 8422-Cupric Oxide
JIS K 8984-Cupric Sulfate (Anhydrous)
JIS L 2101-Cotton Sewing Thread
JIS R 3413-Glass Yarn
JIS R 3415-Glass Tape
JIS Z 2241-Method of Tension Test for Metallic Materials

Table 1

Type of cable	Symbol	Attached table No.
660 V Single core, ethylene-propylene (EP) rubber insulated, polyvinylchloride (PVC) sheathed and steel wire braided cable	660 V-SPYC	1
660 V Single core, EP rubber insulated, PVC sheathed and steel wire braided cable with PVC protective covering	660 V-SPYCY	1
660 V Double core, EP rubber insulated, PVC sheathed and steel wire braided cable	660 V-DPYC	2
660 V Double core, EP rubber insulated, PVC sheathed and steel wire braided cable with PVC protective covering	660 V-DPYCY	2
660 V Three core, EP rubber insulated, PVC sheathed and steel wire braided cable	660 V-TPYC	3
660 V Three core, EP rubber insulated, PVC sheathed and steel wire braided cable with PVC protective covering	660 V-TPYCY	3
660 V Single core, EP rubber insulated, polychloroprene (PCP) sheathed and steel wire braided cable	660 V-SPNC	4
660 V Single core, EP rubber insulated, PCP sheathed and steel wire braided cable with PVC protective covering	660 V-SPNCY	4
660 V Double core, EP rubber insulated, PCP sheathed and steel wire braided cable	660 V-DPNC	5
660 V Double core, EP rubber insulated, PCP sheathed and steel wire braided cable with PVC protective covering	660 V-DPNCY	5
660 V Three core, EP rubber insulated, PCP sheathed and steel wire braided cable	660 V-TPNC	6
660 V Three core, EP rubber insulated, PCP sheathed and steel wire braided cable with PVC protective covering	660 V-TPNCY	6
660 V Single core, EP rubber insulated, lead sheathed and steel wire braided cable	660 V-SPLC	7
660 V Single core, EP rubber insulated, lead sheathed and steel wire braided cable with PVC protective covering	660 V-SPLCY	7

Table 1 (Continued)

Type of cable	Symbol	Attached table No.
660 V Double core, EP rubber insulated, lead sheathed and steel wire braided cable	660 V-DPLC	8
660 V Double core, EP rubber insulated, lead sheathed and steel wire braided cable with PVC protective covering	660 V-DPLCY	8
660 V Three core, EP rubber insulated, lead sheathed and steel wire braided cable	660 V-TPLC	9
660 V Three core, EP rubber insulated, lead sheathed and steel wire braided cable with PVC protective covering	660 V-TPLCY	9
250 V Single core, EP rubber insulated, PVC sheathed and steel wire braided cable	250 V-SPYC	10
250 V Single core, EP rubber insulated, PVC sheathed and steel wire braided cable with PVC protective covering	250 V-SPYCY	10
250 V Double core, EP rubber insulated, PVC sheathed and steel wire braided cable	250 V-DPYC	10
250 V Double core, EP rubber insulated, PVC sheathed and steel wire braided cable with PVC protective covering	250 V-DPYCY	10
250 V Three core, EP rubber insulated, PVC sheathed and steel wire braided cable	250 V-TPYC	10
250 V Three core, EP rubber insulated, PVC sheathed and steel wire braided cable with PVC protective covering	250 V-TPYCY	10
250 V Single core, EP rubber insulated, PCP sheathed and steel wire braided cable	250 V-SPNC	11
250 V Single core, EP rubber insulated, PCP sheathed and steel wire braided cable with PVC protective covering	250 V-SPNCY	11
250 V Double core, EP rubber insulated, PCP sheathed and steel wire braided cable	250 V-DPNC	11
250 V Double core, EP rubber insulated, PCP sheathed and steel wire braided cable with PVC protective covering	250 V-DPNCY	11
250 V Three core, EP rubber insulated, PCP sheathed and steel wire braided cable	250 V-TPNC	11

Table 1 (Continued)

Type of cable	Symbol	Attached table No.
250 V Three core, EP rubber insulated, PCP sheathed and steel wire braided cable with PVC protective covering	250 V-TPNCY	11
250 V Single core, EP rubber insulated and PVC sheathed cable	250 V-SPY	12
250 V Double core, EP rubber insulated and PVC sheathed cable	250 V-DPY	12
250 V Three core, EP rubber insulated and PVC sheathed cable	250 V-TPY	12
660 V Multicore, EP rubber insulated, PVC sheathed and steel wire braided cable	660 V-MPYC	13
660 V Multicore, EP rubber insulated, PVC sheathed and steel wire braided cable with PVC protective covering	660 V-MPYCY	13
660 V Multicore, EP rubber insulated PCP sheathed and steel wire braided cable	660 V-MPNC	14
660 V Multicore, EP rubber insulated, PCP sheathed and steel wire braided cable with PVC protective covering	660 V-MPNCY	14
660 V Multicore, EP rubber insulated, lead sheathed and steel wire braided cable	660 V-MPLC	15
660 V Multicore, EP rubber insulated, lead sheathed and steel wire braided cable with PVC protective covering	660 V-MPLCY	15
250 V Multicore, EP rubber insulated, PVC sheathed and steel wire braided cable	250 V-MPYC	16
250 V Multicore, EP rubber insulated, PVC sheathed and steel wire braided cable with PVC protective covering	250 V-MPYCY	16
250 V Multicore, EP rubber insulated, PCP sheathed and steel wire braided cable	250 V-MPNC	17
250 V Multicore, EP rubber insulated, PCP sheathed and steel wire braided cable with PVC protective covering	250 V-MPNCY	17
250 V Multicore, EP rubber insulated, lead sheathed and steel wire braided cable	250 V-MPLC	18

Table 1 (Continued)

Type of cable	Symbol	Attached table No.
250 V Multicore, EP rubber insulated, lead sheathed and steel wire braided cable with PVC protective covering	250 V-MPLCY	18
250 V PVC insulated, PVC sheathed and steel wire braided telephone cable	250 V-TTYC	19
250 V PVC insulated, PVC sheathed and steel wire braided telephone cable with PVC protective covering	250 V-TTYCY	19
660 V Single core, silicone rubber insulated and glass yarn braided cable	660 V-SSRD	20
660 V Double core, silicone rubber insulated and glass yarn braided cable	660 V-DSRD	20
660 V Three core, silicone rubber insulated and glass yarn braided cable	660 V-TSRD	20
660 V Single core, silicone rubber insulated, lead sheathed and steel wire braided cable	660 V-SSRLC	21
660 V Double core, silicone rubber insulated, lead sheathed and steel wire braided cable	660 V-DSRLC	21
660 V Three core, silicone rubber insulated, lead sheathed and steel wire braided cable	660 V-TSRLC	21
660 V Double core, EP rubber insulated and PCP sheathed flexible cord	660 V-DPNP	22
660 V Three core, EP rubber insulated and PCP sheathed flexible cord	660 V-TPNP	22
660 V Four core, EP rubber insulated and PCP sheathed flexible cord	660 V-FPNP	22
250 V Three core, PVC insulated and PVC sheathed cord	250 V-TYP	23
660 V Single core, PVC and asbestos insulated switchboard wire	660 V-STW	24
660 V Single core, PVC and asbestos insulated flexible switchboard wire	660 V-STWP	25

Table 1 (Continued)

Type of cable	Symbol	Attached table No.
660 V Single core, EP rubber insulated, PVC sheathed and steel wire braided cable with common shield	660 V-SPYCS	26
660 V Single core, EP rubber insulated, PVC sheathed, steel wire braided and PVC protective covered cable with common shield	660 V-SPYCYS	26
660 V Double core, EP rubber insulated, PVC sheathed and steel wire braided cable with common shield	660 V-DPYCS	26
660 V Double core, EP rubber insulated, PVC sheathed, steel wire braided and PVC protective covered cable with common shield	660 V-DPYCYS	26
660 V Three core, EP rubber insulated, PVC sheathed and steel wire braided cable with common shield	660 V-TPYCS	26
660 V Three core, EP rubber insulated, PVC sheathed, steel wire braided and PVC protective covered cable with common shield	660 V-TPYCYS	26
660 V Single core, EP rubber insulated, PCP sheathed and steel wire braided cable with common shield	660 V-SPNCS	27
660 V Single core, EP rubber insulated, PCP sheathed, steel wire braided and PVC protective covered cable with common shield	660 V-SPNCYS	27
660 V Double core, EP rubber insulated, PCP sheathed and steel wire braided cable with common shield	660 V-DPNCS	27
660 V Double core, EP rubber insulated, PCP sheathed, steel wire braided and PVC protective covered cable with common shield	660 V-DPNCYS	27
660 V Three core, EP rubber insulated, PCP sheathed and steel wire braided cable with common shield	660 V-TPNCS	27

Table 1 (Continued)

Type of cable	Symbol	Attached table No.
660 V Three core, EP rubber insulated, PCP sheathed, steel wire braided and PVC protective covered cable with common shield	660 V-TPNCYS	27
660 V Double core, EP rubber insulated, PVC sheathed and steel wire braided cable with individual shield	660 V-DPYC-S	28
660 V Double core, EP rubber insulated, PVC sheathed, steel wire braided and PVC protective covered cable with individual shield	660 V-DPYCY-S	28
660 V Three core, EP rubber insulated, PVC sheathed and steel wire braided cable with individual shield	660 V-TPYC-S	28
660 V Three core, EP rubber insulated, PVC sheathed, steel wire braided and PVC protective covered cable with individual shield	660 V-TPYCY-S	28
660 V Double core, EP rubber insulated, PCP sheathed and steel wire braided cable with individual shield	660 V-DPNC-S	29
660 V Double core, EP rubber insulated, PCP sheathed, steel wire braided and PVC protective covered cable with individual shield	660 V-DPNCY-S	29
660 V Three core, EP rubber insulated, PCP sheathed and steel wire braided cable with individual shield	660 V-TPNC-S	29
660 V Three core, EP rubber insulated, PCP sheathed, steel wire braided and PVC protective covered cable with individual shield	660 V-TPNCY-S	29
250 V Single core, EP rubber insulated, PVC sheathed and steel wire braided cable with common shield	250 V-SPYCS	30
250 V Single core, EP rubber insulated, PVC sheathed, steel wire braided and PVC protective covered cable with common shield	250 V-SPYCYS	30