

BOSTMARINE TYPE T/N SIGNAL CABLE

indiv. & overall shielded twisted pair / unarmored & armored
 14 AWG • 2.1 mm² / 600V

APPLICATIONS

BOSTMARINE Type T/N 600 volt cables are suitable for use in commercial marine applications where flame retardant cables having excellent physical and electrical properties are required. The insulation system has a continuous operating temperature of 90°C.

These cables meet all test requirements of IEEE 45 (1998), IEEE 1580 (2001), UL 1309 and the Flame Test in IEC 60332-3, Category A. They are listed by ETL, a nationally recognized testing laboratory, per IEEE 45 (1998), IEEE-1580 (2001) and UL 1309 for 600 volts. Type T/N cables are Type Approved by ABS and LRS.

Aluminum and bronze armored versions are available.

Optional outer PVC sheath available upon request.

FEATURES

- IEEE STANDARD 45 (1998)
- IEEE STANDARD 1580 (2001)
- UL 1309/CSA 245 (1995) FIRST EDITION

CONSTRUCTION

1. CONDUCTORS

Soft annealed bare copper per ASTM B 3 and B 8, stranded as shown in table on reverse.

2. INSULATION

Bostmarine Type T/N polyvinyl chloride/nylon meeting specification IEEE 45 (1998), IEEE 1580 (2001) and UL 1309/CSA 245. Thickness as shown in tables on the reverse. Insulated conductors are rated VW1.

3. PAIR SHIELD

Aluminum / polyester tape with tinned copper drain wire to provide 100% coverage over the twisted pair, covered with a polyester tape.

4. JACKET

Flame-retardant thermoplastic polyvinyl chloride (PVC) is applied over the cable core (covered with a polyester separator tape) and complies with Type T polyvinyl chloride as required in IEEE 45 (1998) and UL 1309/CSA 245.

RATINGS

Meets all test requirements of IEEE 45 (1998), IEEE 1580 (2001), UL 1309/CSA 245 (1995) First Edition and the Flame Test in IEC 60332-3, Category A.

APPROVALS

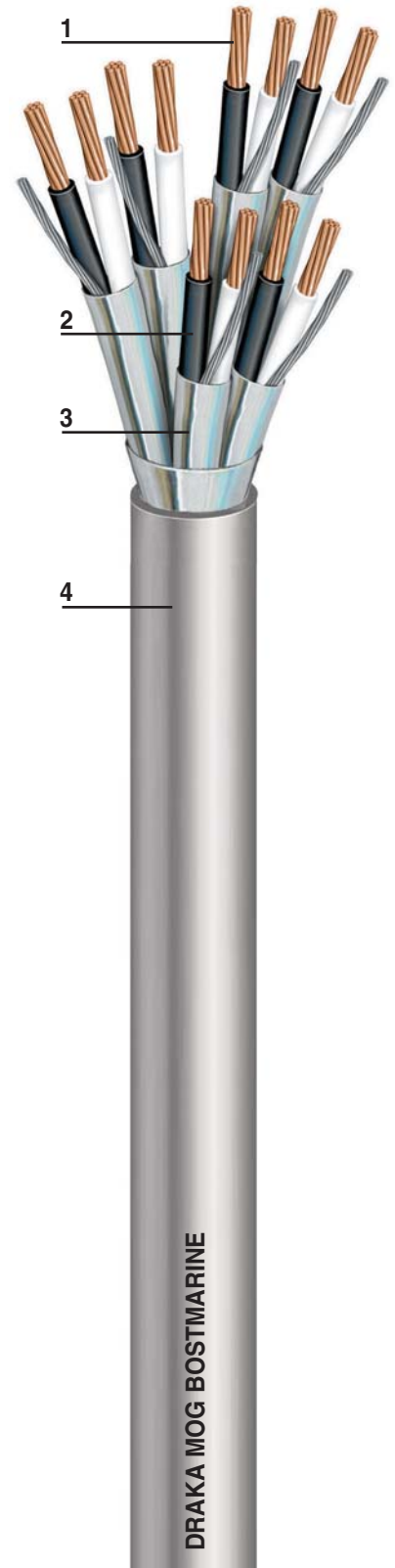
ETL/Intertek Testing Services Listed as Marine Shipboard Cable in accordance with IEEE 45 (1998), IEEE 1580 (2001), UL 1309/CSA245.

American Bureau of Shipping Type Approval Certificate No. 04-PA496819-X.

Lloyds Registry of Shipping Type Approval Certificate No. 99/60004/E1.

Transport Canada Approved cables are available.

Manufactured to Draka Cableteq USA Specifying Standard J-510



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14 AWG • 2.1 mm² / 600V

TPC Cable Type	Part Number	Number of Pairs	Stranding Type	Insulation Thickness in • mm	Jacket Thickness in • mm	Cable Diameter (nominal) in • mm	Cable Weight (approximate) Lbs/mft • Kg/km
TP14(IS-OS)T/NT-1	350356	1	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.045 • 1.14	0.340 • 8.6	73 • 109
TP14(IS-OS)T/NT-2	350357	2	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.060 • 1.52	0.575 • 14.6	175 • 260
TP14(IS-OS)T/NT-3	350358	3	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.060 • 1.52	0.605 • 15.4	228 • 339
TP14(IS-OS)T/NT-4	350360	4	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.060 • 1.52	0.665 • 16.9	282 • 420
TP14(IS-OS)T/NT-6	350361	6	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.060 • 1.52	0.790 • 20.1	392 • 583

indiv. & overall shielded twisted pair / aluminum or bronze armored

14 AWG • 2.1 mm² / 600V

TPC Cable Type	Part Number*	Number of Pairs	Stranding Type	Insulation Thickness in • mm	Jacket Thickness in • mm	Armored Cable Diameter in • mm	Aluminum arm. Cable Weight Lbs/mft • Kg/km	Bronze arm. Cable Weight Lbs/mft • Kg/km
TP14(IS-OS)T/NT-1	350356*	1	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.045 • 1.14	0.400 • 10.2	94 • 140	143 • 213
TP14(IS-OS)T/NT-2	350357*	2	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.060 • 1.52	0.635 • 16.1	210 • 312	290 • 432
TP14(IS-OS)T/NT-3	350358*	3	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.060 • 1.52	0.665 • 16.9	264 • 393	348 • 518
TP14(IS-OS)T/NT-4	350360*	4	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.060 • 1.52	0.725 • 18.4	322 • 479	414 • 616
TP14(IS-OS)T/NT-6	350361*	6	7/24.2	0.015 / 0.004 • 0.38 / 0.10	0.060 • 1.52	0.850 • 21.6	439 • 653	547 • 814

*NOTE: For aluminum armored versions, add an A (ex. 350356A). For bronze armored versions, add a B (ex. 350356B).

This information is provided for reference only, please consult the factory or your representative to confirm all engineering information.

This information is not meant to replace the information in the appropriate and applicable standard or code.