



**MIL-DTL-24640 LIGHT WEIGHT  
 NAVY SHIPBOARD CABLE**

**Low Power Cable, for use in Non-watertight, Non-flexing Service**

**CONSTRUCTION DETAILS:**

**CONDUCTOR:** 19 Strand tinned copper.  
**INSULATION:** Extruded composite insulation of crosslinked polyalkene and crosslinked polyvinylidene fluoride (PVDF).  
**JACKET:** Crosslinked low smoke zero halogen (LSZH) polyolefin (XLPOLYO).  
**ARMOR:** (Available upon request) Overall braid of aluminum alloy 5154 offering minimum coverage of 88%.

PART NUMBER & NAVY PIN	TYPE	OVER-ALL SHIELD	AWG	NUM. OF COMPONENTS	IDENTIFICATION		CABLE OD	CU WGT	TOT. WGT
					COLOR CODE	COLOR CODE METHOD			
M24640/1-01UN	DX-3		16(19)TC	2 COND.	STD	1	0.232	15.6	39.4
M24640/1-02UN	DX-4		14(19)TC	2 COND.	STD	1	0.276	24.6	56.8
M24640/2-01UN	TX-3		16(19)TC	3 COND.	STD	1	0.252	23.4	51.6
M24640/2-02UN	TX-4		14(19)TC	3 COND.	STD	1	0.299	36.9	75.6
M24640/3-01UN	FX-3		16(19)TC	4 COND.	STD	1	0.272	31.1	63
M24640/3-02UN	FX-4		14(19)TC	4 COND.	STD	1	0.323	49.2	92.6

*Service and Performance through Innovation, Quality and Delivery*

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