

**Electronic, Communication, and Instrumentation Cable,
for use in Watertight, Non-flexing Service**

CONSTRUCTION DETAILS:

CONDUCTOR: 7 Strand tinned copper sealed for watertightness.
INSULATION: Extruded composite insulation of crosslinked polyalkene and crosslinked polyvinylidene fluoride (PVDF).
COMPONENT SHLD: (When applicable) Braided tinned copper offering minimum coverage of 90%, and sealed for watertightness.
OVERALL SHIELD: (When applicable) Braided tinned copper offering minimum coverage of 90%, and sealed for watertightness.
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			
M24640/10-05UO	MXSOW-2	X	16(7)TC	2 COND.	STD	1	0.293	28.8	83
M24640/10-06UO	MXSOW-9	X	16(7)TC	9 COND.	STD	1	0.441	102.0	200
M24640/10-07UO	MXSOW-21	X	16(7)TC	21 COND.	STD	1	0.574	179.8	365
M24640/10-08UO	MXSOW-37	X	16(7)TC	37 COND.	STD	1	0.669	363.1	555
M24640/14-01UO	1XSOW-2	X	22(7)TC	2 SHLD COND	STD	2	0.303	23.9	85
M24640/14-02UO	1XSOW-14	X	22(7)TC	14 SHLD COND	STD	2	0.488	113.4	280
M24640/14-03UO	1XSOW-20	X	22(7)TC	20 SHLD COND	STD	2	0.58	167.7	330
M24640/14-04UO	1XSOW-30	X	22(7)TC	30 SHLD COND	STD	2	0.65	230.4	429
M24640/15-01UN	2XSAW-3		22(7)TC	3 SHLD PR	STD	2	0.382	29.5	115
M24640/15-02UN	2XSAW-7		22(7)TC	7 SHLD PR	STD	2	0.479	68.9	195
M24640/15-03UN	2XSAW-14		22(7)TC	14 SHLD PR	STD	2	0.656	137.7	390
M24640/15-01UO	2XSAOW-3	X	22(7)TC	3 SHLD PR	STD	2	0.421	57.5	160
M24640/15-02UO	2XSAOW-7	X	22(7)TC	7 SHLD PR	STD	2	0.530	101.9	260
M24640/15-03UO	2XSAOW-10	X	22(7)TC	10 SHLD PR	STD	2	0.651	156.4	385
M24640/15-04UO	2XSAOW-14	X	22(7)TC	14 SHLD PR	STD	2	0.705	199.6	465
M24640/15-05UO	2XSAOW-19	X	22(7)TC	19 SHLD PR	STD	2	0.777	258.0	627
M24640/15-06UO	2XSAOW-24	X	22(7)TC	24 SHLD PR	STD	2	0.904	317.3	800
M24640/15-07UO	2XSAOW-30	X	22(7)TC	30 SHLD PR	STD	2	0.961	384.7	910
M24640/15-08UO	2XSAOW-37	X	22(7)TC	37 SHLD PR	STD	2	1.025	463.0	1050
M24640/16-01UN	2XSW-1		18(7)TC	1 SHLD PR	STD	2	0.249	18.5	52.9
M24640/16-02UN	2XSW-3		18(7)TC	3 SHLD PR	STD	2	0.453	57.2	175
M24640/16-03UN	2XSW-7		18(7)TC	7 SHLD PR	STD	2	0.593	133.4	330
M24640/16-01UO	2XSOW-3	X	18(7)TC	3 SHLD PR	STD	2	0.507	89.8	227
M24640/16-02UO	2XSOW-7	X	18(7)TC	7 SHLD PR	STD	2	0.625	191.6	401

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M24640/16-03UO	2XSOW-12	X	18(7)TC	12 SHLD PR	STD	2	0.82	307.1	665
M24640/16-04UO	2XSOW-19	X	18(7)TC	19 SHLD PR	STD	2	0.958	456.3	950
M24640/16-05UO	2XSOW-30	X	18(7)TC	30 SHLD PR	STD	2	1.2	682.1	1442
M24640/17-01UO	2XOW-6	X	26(7)TC	6 PR.	Twist Pair	6	0.350	24.6	181.6
M24640/17-02UO	2XOW-18	X	26(7)TC	18 PR.	Twist Pair	6	0.486	66.8	201
M24640/17-03UO	2XOW-24	X	26(7)TC	24 PR.	Twist Pair	6	0.561	77.9	266
M24640/17-04UO	2XOW-42	X	26(7)TC	42 PR.	Twist Pair	6	0.665	139.1	380
M24640/17-05UO	2XOW-60	X	26(7)TC	60 PR.	Twist Pair	6	0.773	178.2	485
M24640/17-06UO	2XOW-77	X	26(7)TC	77 PR.	Twist Pair	6	0.86	211.9	615
M24640/18-01UN	3XSW-3		18(7)TC	3 SHLD TRD	STD	2	0.490	78.8	205
M24640/18-02UN	3XSW-7		18(7)TC	7 SHLD TRD	STD	2	0.64	183.9	390
M24640/18-03UN	3XSW-10		18(7)TC	10 SHLD TRD	STD	2	0.823	262.6	625
M24640/18-04UN	3XSW-14		18(7)TC	14 SHLD TRD	STD	2	0.843	367.7	775
M24640/18-01UO	3XSOW-3	X	18(7)TC	3 SHLD TRD	STD	2	0.539	112.1	271
M24640/18-02UO	3XSOW-7	X	18(7)TC	7 SHLD TRD	STD	2	0.679	252.4	475
M24640/18-03UO	3XSOW-10	X	18(7)TC	10 SHLD TRD	STD	2	0.855	342.9	730
M24640/18-04UO	3XSOW-14	X	18(7)TC	14 SHLD TRD	STD	2	0.918	455.8	880
M24640/18-05UO	3XSOW-19	X	18(7)TC	19 SHLD TRD	STD	2	1.025	598.5	1150
M24640/18-06UO	3XSOW-24	X	18(7)TC	24 SHLD TRD	STD	2	1.220	746.5	1607

Service and Performance through Innovation, Quality and Delivery

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