



Offshore and Marine Shipboard Cables

IEEE 1580 Type P MOR[®] Polyrad[®] XT-125 Armored & Sheathed



Flexible Single Conductor Power Armored & Sheathed

2kV/1000V & 2kV/1000V Heavy-Duty



Product Construction:

1. Conductor:

- 1 AWG thru 1111 kcmil soft annealed tinned copper flexible strand

2. Insulation:

- Polyrad[®] XT-125 Irradiated Cross-Linked Polyolefin (XLPO) – Black
- Polyrad[®] XT-125 Heavy-Duty (HD) Irradiated Cross-Linked Polyolefin (XLPO) – 4/0 AWG and larger – Black

3. Armor:

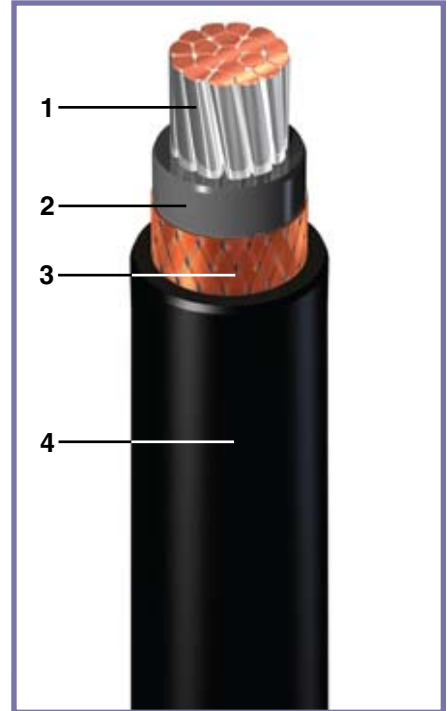
- Bronze braid 88% minimum coverage

4. Sheath:

- Mud Oil Resistant, Black Irradiated Cross-Linked Chlorosulfonated Polyethylene

5. Print: (Including but not limited to)

- MOR[®] POLYRAD[®] XT-125 (UL) E85994 BR781B 110C 1/C XXAWG 2000V OR (CSA) 245/1309 FT4 -40C SR IEC 1KV 60332.3A IEEE 1580 TYPE P (ETL) 109229 YEAR OF MFG SEQUENTIAL FOOTAGE MARK



Applications:

- Offshore oil and gas drilling platforms, MODUs, ships and FPSOs
- Land-based oil and gas drilling rigs
- Suitable for use in Class I, Division 1 and Zone 1 environments

Features:

- Meets NEK 606 mud oil resistance requirements including ester-based muds
- Flexible stranding to facilitate ease of cable installation and termination
- Temperature rated @ 125°C for long life, higher ampacities and protection from thermal overloads
- Meets cold bend test at -55°C
- Meets cold impact test at -40°C

Compliances:

Industry:

- API-RP14F
- CSA C22.2 No. 245 Type X110
- IEEE 1580 Type P
- IEC 60092-3
- NEK 606 for mud oil resistance
- UL 1309 Type X110
- UL Listed 110°C Marine Shipboard Cable

Flame Test:

- IEEE 383
- IEEE 1202
- IEC 60332-3-22 Cat. A (supersedes IEC 60332-3A)
- CSA C22.2 No. 0.3 FT4



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CATALOG NUMBER (T-75125)	# OF CORES	COND. (AWG) SIZE	NOMINAL CABLE DIAMETER		NET WEIGHT		AMPACITIES ¹ 45°C AMBIENT-SINGLE BANKED			
			INCHES	mm	LBS/1000 FT	kg/km	95°C	100°C	110°C	125°C
357370	1	1	0.698	17.73	521	775	180	194	208	281
300140	1	1/0	0.747	18.97	600	893	217	227	243	319
357380	1	2/0	0.785	19.94	688	1024	251	262	281	354
326600	1	3/0	0.912	23.16	918	1366	289	300	321	437

2kV/1000V — 3/0 AWG and smaller constructions with Regular-Duty insulation thickness.

CATALOG NUMBER (T-75125)	# OF CORES	COND. (AWG) SIZE	NOMINAL CABLE DIAMETER		NET WEIGHT		AMPACITIES ¹ 45°C AMBIENT-SINGLE BANKED			
			INCHES	mm	LBS/1000 FT	kg/km	95°C	100°C	110°C	125°C
281120	1	4/0	1.045	26.54	1195	1778	337	351	376	495
357390	1	262	1.090	27.69	1290	1920	392	407	426	559
357400	1	313	1.175	29.84	1488	2214	439	455	491	617
357410	1	373	1.240	31.50	1710	2545	507	526	563	692
281130	1	444	1.320	33.53	2115	3148	567	588	630	772
279330	1	535	1.460	37.08	2565	3817	638	662	709	871
279340	1	646	1.570	39.88	2950	4390	693	715	766	979
279350	1	777	1.685	42.80	3497	5204	750	830	889	1101
359080	1	1111	1.925	48.90	9651	6921	972	1003	1073	1374

2kV/1000V Heavy-Duty — 4/0 AWG and larger constructions with Heavy-Duty (HD) insulation thickness.

Note: Dimensions and weights are nominal; subject to industry tolerances.
¹Reference Ampacity section