



Offshore and
Onshore RIG
Cables

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

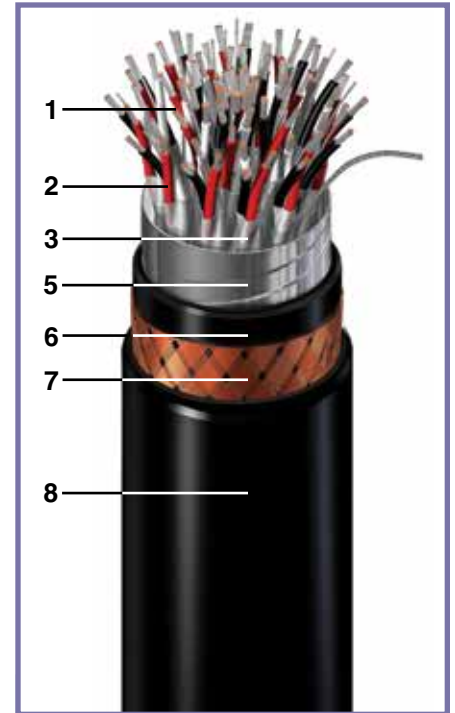


Flexible Triad Signal Cable Individually/Overall Shielded Armored & Sheathed 600 V/1000 V



Product Construction:

- 1. Conductor:**
 - 18 AWG and 16 AWG soft annealed tinned copper flexible strand
- 2. Insulation:**
 - Polyrad[®] XT-125 Irradiated Cross-linked Polyolefin (XLPO)
 - Color Code: Black, white and red with printed numbers
- 3. Individually Shielded Triads:**
 - Aluminum/polymer tape and tinned copper drain wire
- 4. Cable Core:**
 - Core binder tape when required
- 5. Overall Shield:**
 - Overall aluminum/polymer tape with tinned copper drain wire
- 6. Jacket:**
 - Black Irradiated Cross-linked Chlorinated Polyethylene (XL-CPE)
- 7. Armor:**
 - Bronze braid 88% minimum coverage
- 8. Sheath:**
 - Mud Oil-Resistant, Black Irradiated Cross-linked Chlorinated Polyethylene (XL-CPE)
- 9. Print:** (Including but not limited to)
 - MOR[®] POLYRAD[®] XT-125 (UL) E85994 BR782B 110C XX/TRI XXAWG -- (CSA) LL 9755 SPEC 245/1309 FT4 -40C SR 600/1000 V -- IEC 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 Hazardous Locations when installed in accordance with API-RP14F

Features:

- Meets NEK 606 mud oil resistance requirements with ester-based muds
- Meets UL 2225 crush and impact requirements of Type MC-HL cables
- 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 1580-2010 Type P
- IEC 60092-350
- Mud oil-resistant
- UL 1309 Type X110
- UL Listed 110°C Marine Shipboard Cable

Flame Test:

- 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	# OF TRIADS	COND. SIZE (AWG)	NOMINAL CABLE DIAMETER		COPPER WEIGHT		NET WEIGHT		AMPACITIES ¹ 45°C AMBIENT-SINGLE BANKED			
			INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km	95°C	100°C	110°C	125°C
358660	1	18	0.555	14.10	22	33	198	295	11	12	13	-
358670	2	18	0.780	19.81	48	71	381	567	8	9	10	-
358680	3	18	0.810	20.57	71	106	412	613	7	8	9	-
358690	4	18	0.915	23.24	93	138	504	750	5	6	7	-
358700	5	18	0.985	25.02	113	168	576	857	5	6	7	-
358710	6	18	1.090	27.69	137	204	687	1022	5	6	7	-
358720	7	18	1.090	27.69	160	238	713	1061	4	5	6	-
358730	8	18	1.165	29.59	182	271	787	1171	4	5	6	-
358740	12	18	1.350	34.29	271	403	1018	1515	4	5	6	-
358750	16	18	1.485	37.72	360	536	1210	1800	3	4	5	-
358760	1	16	0.570	14.48	38	57	212	315	15	16	17	25
358770	2	16	0.810	20.57	61	91	411	612	12	13	14	22
358780	3	16	0.885	22.48	88	131	483	719	11	12	13	18
358790	4	16	0.945	24.00	116	173	549	817	8	9	10	14
358800	5	16	1.020	25.91	143	213	633	942	8	9	10	14
358810	6	16	1.135	28.83	171	254	753	1120	8	9	10	14
358820	7	16	1.135	28.83	200	298	788	1173	7	8	9	13
358830	8	16	1.210	30.73	227	338	871	1296	7	8	9	13
358840	12	16	1.415	35.94	337	501	1122	1670	6	7	8	9
358850	16	16	1.545	39.24	448	667	1360	2024	5	6	7	9

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