

STEEL ARMORED CABLES

Precision Engineered Designs for Extreme Environments

PROVIDED BY FALMAT CUSTOM CABLE TECHNOLOGIES



Falmat Custom Cable Technologies has the equipment and expertise to provide custom single and multi-layered steel armoring with or without the additional over jackets in a variety of configurations. Our cable engineers have over 30 years experience designing Electro-Mechanical and Electro-Opto-Mechanical Steel Armored cables for many industries and applications, including:

- Harbor Defense bottom-laid
- Towed sonar
- Lift umbilical for work-class Remotely Operated Vehicles (ROV)
- Seabed vehicles for trenching and surveying
- Bottom-laid, long-term seismic deployments
- Umbilicals for submarine defense
- Seismic acquisition: lead-in cables for towed systems
- Subsea control umbilicals, multi-conductor double armored TV-Cables
- Range of cable diameter from 0.100 in (2.5mm) up to 2.5 in (63.5mm)

MATERIALS:

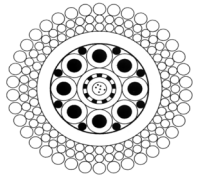
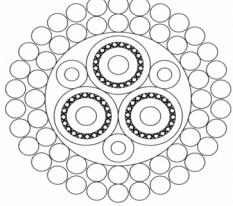
- GIPS (Galvanized Improved Plowed Steel), GEIPS (Galvanized Extra Improved Plowed Steel) and other corrosion resistant alloys
- Thermoplastic Jackets - Polyethylene, Polyurethane, and Hytrel

Contact our sales office today for a prompt quotation.



1873 DIAMOND STREET SAN MARCOS, CA 92078 U.S.A.
TEL: (760) 471-5400 FAX: (760) 471-4970 WEB: WWW.FALMAT.COM

SAMPLING OF UNDERWATER ARMORED CABLE DESIGNS

TITLE	DESCRIPTION	NOM. FINISHED OD		CROSS SECTION
		INCHES	MM	
ROV Umbilical	Power, Digital Video, Data Signals	1.18	30.00	
Electro-Optical Tow Cable	Power and Fiber-Optic Telemetry	1.18	30.00	
Side Scan Tow Cable	3 ea. 50 Ohm Coax 3 Power Conductors	0.51	13.00	
Towed Video Cable	Power, Video, Data Signals	0.86	22.00	
Electro-Optical TOW Cable	3 Power Conductors 3 Fiber-Optic	0.59	15.00	
Coaxial Tow Cable	50 Ohm Elastic Conductor Data Coax	0.43	11.00	
ROV Umbilical	Power, Video Coax, Data Signals, Fiber-Optic Telemetry	1.50	38.00	
Electro-Optical Sensor Cable	Power, Fiber	0.94	24.00	