

Xtreme-Cat®

Underwater Network Data/Power Cables



Application

Homeland Security, Oceanographic, Observation, and other extreme marine environments.

Design

Xtreme-Cat® Cables are designed to maintain their flexibility in harsh and challenging environments. These cables feature Falmat's specially formulated "Xtreme-grade" polyurethane jacket for easier payout, tighter bends, and better tractor control with extremely low coefficient of friction. The Xtreme-Cat® Cables with reduced diameter offer even smaller bend radius for tighter bends and compact, portable handling systems.

Cable Features

- Max Depth Rating of 200m
- Extreme ruggedness, yet flexible water-blocked construction
- Designed for underwater use with high-speed network data, video, and sensor equipment
- Cables can be used for bottom-laid, vertical deployment, winch systems, and ROV applications
- Our Cat 5e 4 pair stranded conductors meets or exceeds TIA 568-B. Suitable for 10Base-T and 100Base-T
- Custom variations of these listed cables can be supplied with added breaking strength, steel armor package, additional jackets, or neutrally buoyant constructions

PART NUMBER	POWER COMPONENTS	DATA COMPONENTS**	BREAK STRENGTH	DIA. (in.)	WEIGHT lbs/1,000 ft.
FMXCAT51205K24	5C- 12AWG	Cat 5e -24AWG	2,400 lbs.	.700	256
FMXCAT51207K24	7C- 12AWG	Cat 5e -24AWG	2,400 lbs.	.700	297
FMXCAT51606K24	6C- 16AWG	Cat 5e -24AWG	2,400 lbs.	.564	157
FMXCAT51610K24	10C- 16AWG	Cat 5e -24AWG	2,400 lbs.	.564	191
FMXCAT51812K12	12C- 18AWG	Cat 5e -24AWG	1,200 lbs.	.500	143
FMXCAT51806K12	6C- 18AWG	Cat 5e -24AWG	1,200 lbs.	.500	110
FMXCAT52218K12	18C- 22AWG	Cat 5e -24AWG	1,200 lbs.	.447	120
FMXCAT52218	18C- 22AWG	Cat 5e -24AWG	0 lbs.	.433	117
FMXCAT52824K8	24C- 28AWG	Cat 5e -24AWG	800 lbs.	.415	90
FMXCAT52824	24C- 28AWG	Cat 5e -24AWG	0 lbs.	.400	88
FMXCAT50000 *	N/A	Cat 5e -24AWG	0 lbs.	.325	47
FMXCAT50000K12 *	N/A	Cat 5e -24AWG	1,200 lbs.	.340	52

* Cat 5 cable only, with rugged Xtreme-Green® Polyurethane, no power conductors, or water-block.

** Stranded conductors for added flexibility.

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