

Xtreme-Cat®

Underwater Network Data/Power Cables

Xtreme-Cat Cables are designed to maintain their flexibility in harsh and challenging environments. These cables feature our specially formulated “Xtreme-grade” polyurethane jacket for easier payout and better tractor control with an extremely low coefficient of friction. This jacket offers excellent hydrolytic and UV stability. Even after prolonged exposure to direct sunlight, the tensile and elongation properties should remain stable and provide reliable performance. The Xtreme-Cat Cables with reduced diameter offer an even smaller bend radius for tighter bends and compact, portable handling systems.



KEY FEATURES

- Rated for 660 FT (200m) Maximum Depth and 300 psig (20bar) Pressure when properly terminated and installed. Xtreme ruggedness, yet flexible water-blocked construction
- Designed for underwater use with high-speed network data, video & sensor equipment
- Cables can be used for bottom-laid, vertical deployment, winch systems and ROV applications
- Our Cat 5e 4 pair stranded conductors meet or exceed TIA 568-B. Suitable for 10Base-T & 100Base-T
- Custom variations of these listed cables can be supplied with added breaking strength, steel armor package, additional jackets, or neutrally buoyant constructions

APPLICATIONS

- Oceanographic Instruments
- Observation
- Extreme Marine Environments

XTREME CABLE

Part #	Power Components	Data Components	Break Strength	DIA (in)	Weight (lb/1000 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.