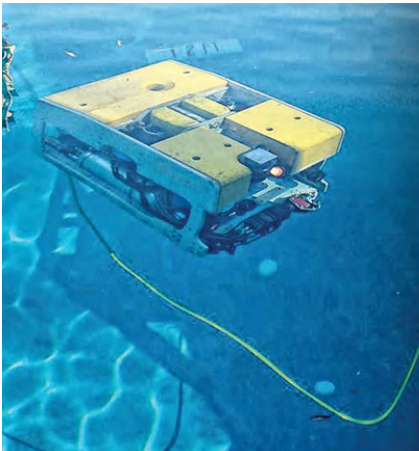


# ROV Tether Cable



Falmat™ products, like ROV Tether Cables, are now a part of the Winchester Interconnect™ family.

## Product Description

Winchester's ROV Tethers include power conductors, shielded data pairs and video using coax, TSP, or fiber optics. Designs available in several configurations, including Neutral Buoyancy. A varied degree of strength designs available depending on workloads and handling system. The sample cables listed below are proven working designs for vehicles used worldwide.

## Key Features

- Stranded tin copper conductors for flexibility and corrosion resistance
- Light weight, low dielectric copolymer insulation with great mechanical and moisture resistance
- Light weight Aramid fibers are designed into each cable construction to meet specific ROV intended use for maximum strength and longevity
- Jacket Materials are chosen for optimal bonding, moisture and mechanical resistance. Each ROV cable is uniquely designed for specific ROV types using PE, TPE, PUR, and foam variations for flotation

## Design Variation

Winchester manufactures many custom ROV cables using tried and proven components for power, video, data, etc., which are available for your design, providing shorter lead times.



*We Energize Innovation.*

## Part Numbers

Part Number	Comp 1	Comp 2	Comp 3	Comp 4	Break Strength	WGT LB/MFT. Seawater	Final OD (mm.)
FM022702-1	6MM fiber	3 - 75 ohm Coax	3 TSQJ 24 AWG	15c 18 AWG	14,000	27	45.21
FM022702-2	6MM fiber	2 TSPJ 24 AWG	4c 18 AWG		2,000	19	17.78
FM022702-3	1 TQ 26 AWG	3 TSPJ 24 AWG	11c 24 AWG	9c 21 AWG	2,000	-6	21.34
FM022702-5	4 MM Fibers	5 TSP 22 AWG	7c 16 AWG		2,200	58	22.86
FM022702-6	2 SM Fibers	2 TSP 26 AWG	3c 16 AWG		1,000	0	15.24
FM022702-7	1 TSP 26 AWG	4c 22 AWG	2c 18 AWG		500	-1.5	10.80
FM022702-8	1 TP 24 AWG	2 TP 28 AWG	4c 20 AWG		200	0	10.67
FM022702-11	4 MM Fibers	2 TQ 26 AWG	1TSP 26 AWG	2c 26 AWG 1c 22 AWG 2c 14 AWG	2,500	-3	20.96
FM022702-12	2 - 75 ohm Coax	2 TSPJ 26 AWG	4c 18 AWG		2,000	0	16.76
FM022702-13	1 - 75 ohm Coax	1 TSQJ 24 AWG	2c 16 AWG		2,100	0	13.20
FM022702-14	4 MM Fibers	2 TSP 24 AWG	2c 14 AWG		2,000	0	15.24
FM022702-15	1 CAT5e Cable	12c 22 AWG			1,100	0	13.97
FM022702-16	1 - 75 ohm Coax	1 TSP 24 AWG	1TP 24AWG	2c 22 AWG 2c 18 AWG 3c 16 AWG	1,000		16.51
FM022702-17	4 SM Fibers	2 TSQJ 24 AWG	6 TSP 20 AWG	4c 14 AWG 4c 12 AWG	18,000	326	26.04
FM022702-18	4 SM Fibers	4c 14 AWG 4c 12 AWG					20.07
FM022702-19	2 TSP 26 AWG	2c 18 AWG			1,500		13.97
FM022702-20	3 MM Fibers	2 TSQJ 24 AWG	2 TSP 24 AWG	17c 20 AWG	4,400		17.78
FM022702-21	1 MM Fiber	2c 22AWG			700	0	8.26
FM022702-22	3 SM Fibers	4c 20 AWG			25,000	-7	23.24
FM022702-23	3 SM Fibers	3c 10 AWG			35,000	-32	49.53
FM022702-24	2 - 75 ohm Coax	6 TSPJ 24 AWG	5c 16AWG				25.15
FM022702-25	3 SM Fibers	3c 16 AWG 3c 12 AWG			7,900	38	27.94
FM022702-26	4 SM Fibers	5c 12 AWG			30,000	110	23.62

