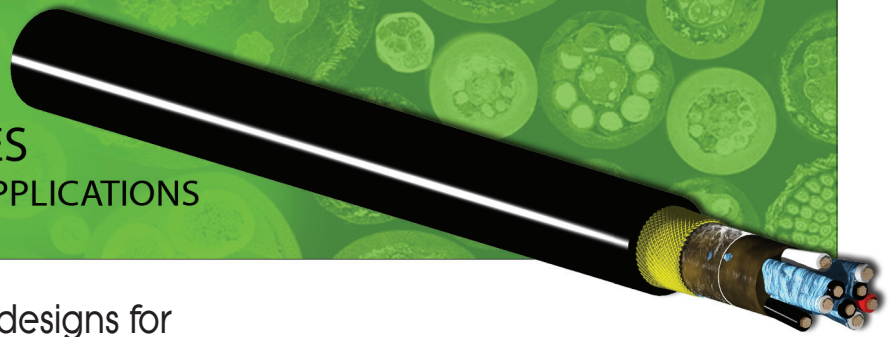


Falmat SubSea

INSTRUMENTATION CABLES

for DEMANDING UNDERWATER APPLICATIONS



Premium grade underwater cable designs for various oceanographic instrument equipment applications

Data pairs:

- Shielded twisted pairs with aluminum/mylar shield, drain wire and shield isolation.
- Pairs are designed for RS232, RS422, RS485 signal rates

Cable cores:

- Composite constructions with isolated shielded data pairs cabled with single power/control wires and interstices filled with thermoset waterblock

Strain Relief:

- Overall synthetic fiber strength layer with rating listed below
Recommended safe work load not to exceed 20% of break strength.

Jacket:

- Flexible premium grade black polyurethane rated for long term subsea deployment

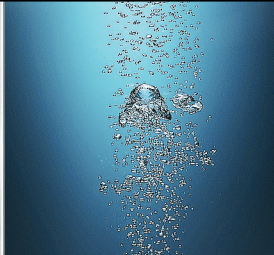
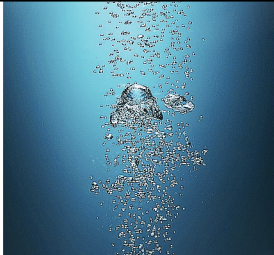
Conductor Coding:

- Pairs Blk & Wht with number codes. Singles color coded.

Rating:

- -25C to 90C, 600V, depth rating to 2 km, bend radius is recommended at 7x diameters

Note: Variations of break strengths, jackets, colors and shields are offered as special order



PART NUMBER	# OF PAIRS	NOMINAL CAP.	NOMINAL IMPEDANCE	# OF SINGLE COND.	OVERALL SHIELD	BREAK STRENGTH	FIN. DIA. (MM)	FIN. DIA. (INCHES)
FM020712-1	2 TSP 24 AWG	21 pf/ft	73 ohms	2 x 20 AWG	Alum + drain	800 lbs.	10.5	0.412"
FM020712-2	4 TSP 24 AWG	21 pf/ft	73 ohms	4 x 22 AWG	Alum + drain	800 lbs.	11.3	0.446"
FM020712-3	2 TSP 22 AWG	24 pf/ft	63 ohms	2 x 20 AWG	Alum + drain	800 lbs.	10.8	0.425"
FM020712-4	3 TSP 22 AWG	33 pf/ft	47 ohms	3 x 22 AWG	Alum + drain	800 lbs.	10.3	0.402"
FM020712-5	4 TSP 20 AWG	39 pf/ft	39 ohms	4 x 22 AWG	Alum + drain	800 lbs.	12.5	0.492"
FM020712-6	3 TSP 18 AWG	33 pf/ft	46 ohms	3 x 18 AWG	Alum + drain	800 lbs.	12.3	0.486"



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