

Tow Cable



Features

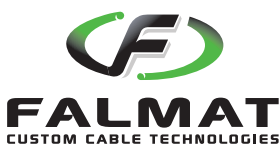
Flexible, light weight tow cables designed for oceanographic applications with digital or analog instrumentation. Kevlar strength member for light weight flexible handling systems, along with an elastic center conductor core, offers extended life over conventional copper core coax designs.

Cable Properties

Core:	Elastic stranded tin copper core offers up to two times the elongation of standard coax conductors.
Dielectric:	Polyethylene with low dielectric constant.
Shield:	Braided, tin plated copper for corrosion protection.
Barrier Jacket:	Rubber based Elastomer with very low moisture resistance.
Strength Layer:	Kevlar fiber, torque balanced. Break strengths up to 40K' lbs. can be offered.
Outer Jacket:	Tough abrasion resistant polyurethane for great mechanical protection. *Neutrally buoyant version of these cables can be ordered.
Operating Temp:	-40C to 80C

PART NUMBER	BREAK STRENGTH/LB.	AWG	CONDUCTOR D.C. RESIST.	SHIELD D.C. RESIST.	OVERALL DIAMETER	WGT IN AIR		
				(OHMS/MFT)	(OHMS/MFT)	INCH	MM	(LB/MFT)
50 OHM ELASTIC COAX								
FCE5020T02	2,500	20		11.1	4.5	0.33	8.4	55
FCE5020T05	5,000	20		11.0	4.5	0.37	9.4	65
FCE5020T10	10,000	20		11.0	4.5	0.41	10.4	78
FCE5020T20	20,000	20		11.0	4.5	0.51	13.0	114
50 OHM ELASTIC COAX								
FCE5017T02	2,500	17		6.1	4.0	0.42	10.7	86
FCE5017T05	5,000	17		6.1	4.0	0.45	11.4	95
FCE5017T10	10,000	17		6.1	4.0	0.49	12.4	113
FCE5017T20	20,000	17		6.1	4.0	0.58	14.7	148
50 OHM ELASTIC COAX								
FCE5014T02	2,500	14		3.0	2.6	0.54	13.7	145
FCE5014T05	5,000	14		3.0	2.6	0.56	14.2	155
FCE5014T10	10,000	14		3.0	2.6	0.60	15.2	172
FCE5014T20	20,000	14		3.0	2.6	0.77	19.6	208
75 OHM ELASTIC COAX								
				(OHMS/MFT)	(OHMS/MFT)	INCH	MM	(LB/MFT)
FCE7520T02	2,500	20		11.1	3.7	0.514	13.1	118
FCE7520T05	5,000	20		11.0	3.7	0.544	13.8	128
FCE7520T10	10,000	20		11.0	3.7	0.584	14.8	145
FCE7520T20	20,000	20		11.0	3.7	0.654	16.6	180
75 OHM ELASTIC COAX								
FCE7517T02	2,500	17		11.1	2.2	0.66	16.8	202
FCE7517T05	5,000	17		11.0	2.2	0.67	17.0	209
FCE7517T10	10,000	17		11.0	2.2	0.71	18.0	238
FCE7517T20	20,000	17		11.0	2.2	0.77	19.6	262
75 OHM ELASTIC COAX								
FCE7514T02	2,500	14		11.1	1.6	0.90	22.9	365
FCE7514T05	5,000	14		11.0	1.6	0.92	23.4	374
FCE7514T10	10,000	14		11.0	1.6	0.94	23.9	390
FCE7514T20	20,000	14		11.0	1.6	1.00	25.4	428

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