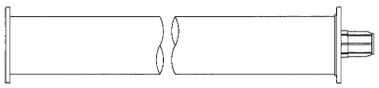
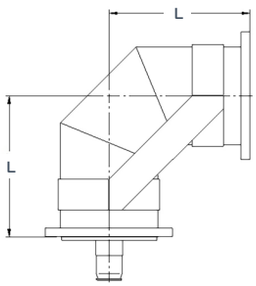
Transmission line with flanges on both ends. Includes expansion connector, O-ring, and hardware kit.



Straight Sections—Fixed Flange With DigitLine® Expansion Connector

T/L Size	Catalog Number	Impedance in Ohms	Approx. Weight
3 1/8"	DL 35-004	50	56 lbs
4 1/16"	DL 45-004	50	110 lbs
6 1/8"	DL 65-004	50	145 lbs
6 1/8"	DL 67-004	75	145 lbs
7 3/16"	DL 77-004	75	180 lbs
8 3/16"	DL 87-004	75	216 lbs
9 3/16"	DL 97-004	75	200 lbs

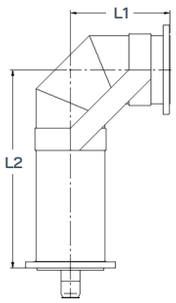
90° reinforced elbow, equal leg. Includes one anchor connector, one O-ring and one hardware kit. Swivel flanges.



90° Elbow (Equal) Reinforced

T/L Size	Catalog Number	Impedance in Ohms	L	Approx. Weight
3 1/8"	DL 35-021	50	6"	13 lbs
4 1/16"	DL 45-021	50	7"	20 lbs
6 1/8"	DL 65-021	50	9"	32 lbs
6 1/8"	DL 67-021	75	9"	27 lbs
7 3/16"	DL 77-021	75	9"	35 lbs
8 3/16"	DL 87-021	75	12"	55 lbs
9 3/16"	DL 97-021	75	12"	75 lbs

90° reinforced elbow, unequal leg. Includes one anchor connector, one O-ring and one hardware kit. Swivel flanges.



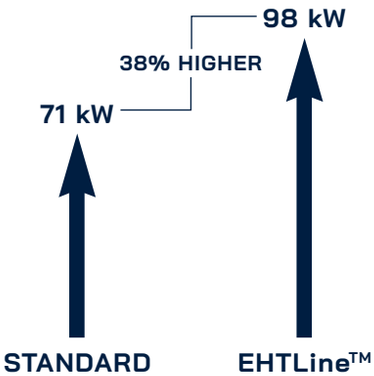
90° Elbow (Unequal) Reinforced

T/L Size	Catalog Number	Impedance in Ohms	L1	L2	Approx. Weight
3 1/8"	DL 37-022	50	6"	9"	10 lbs
4 1/16"	DL 45-022	50	7"	14"	35 lbs
6 1/8"	DL 65-022	50	9"	18"	40 lbs
6 1/8"	DL 67-022	75	9"	18"	40 lbs
7 3/16"	DL 77-022	75	9"	18"	45 lbs
8 3/16"	DL 87-022	75	12"	24"	55 lbs
9 3/16"	DL 97-022	75	12"	24"	75 lbs

State of the art in coaxial transmission lines!

A revolutionary design and unique manufacturing process allow the inner conductor of our new EHTLine® to run cooler than standard line at the same input power. The average power ratings of this new line are up to 45% higher than standard coaxial line. This allows the use of a smaller EHTLine®, lowering the windload on the tower. EHTLine® is available as EIA or Dielectric broadband digiTLine®. Refer to EIA and digiTLine® sections for specifications not listed here.

6 1/8" - 50 OHM
POWER HANDLING @ CH38*



***Conditions:** Loss at 0 kw, power at 15 PSIG, 40° C ambient, 120° C inner.
For power ratings @ 0 PSIG multiply by 0.885 for 50 ohm and 0.875 for 75 ohm.

- **› Enhanced Power Handling**
- **› Lower Tower Windloading**
- **› Proven Connector & Inner Support Designs**
- **› Available in All Line Sizes & Types**

EHT Power Handling

4 1/16" - 50 OHM

Channel	Frequency (MHz)	*Loss (dB/100 ft)	*Avg. Power (kw)
2	57	0.050	166
3	63	0.052	157
4	69	0.055	150
5	79	0.059	140
6	85	0.061	135
FM	88	0.071	132
FM	108	0.079	119
7	177	0.089	92
8	183	0.090	90
9	189	0.092	89
10	195	0.093	87
11	201	0.094	86
12	207	0.096	84
13	213	0.097	83
14	473	0.146	54
16	485	0.148	54
18	497	0.150	53
20	509	0.152	52
22	521	0.154	52
24	533	0.155	51
26	545	0.157	50
28	557	0.159	50
30	569	0.161	49
32	581	0.162	49
34	593	0.164	48
36	605	0.166	48
38	617	0.167	47
40	629	0.169	47
42	641	0.169	47
44	653	0.172	46
46	665	0.174	45
48	677	0.176	45
50	689	0.177	44
52	701	0.179	44
54	713	0.180	44
56	725	0.182	43
58	737	0.183	43
60	749	0.185	42
62	761	0.186	42
64	773	0.188	42
66	785	0.189	41
68	797	0.191	41
69	803	0.191	41

6 1/8" - 50 OHM

Channel	Frequency (MHz)	*Loss (dB/100 ft)	*Avg. Power (kw)
2	57	0.039	343
3	63	0.041	327
4	69	0.043	313
5	79	0.046	293
6	85	0.048	282
FM	88	0.049	276
FM	108	0.052	249
7	177	0.069	194
8	183	0.070	190
9	189	0.071	187
10	195	0.073	184
11	201	0.074	181
12	207	0.075	178
13	213	0.076	175
14	473	0.113	113
16	485	0.115	112
18	497	0.116	110
20	509	0.117	109
22	521	0.119	108
24	533	0.120	106
26	545	0.121	105
28	557	0.123	104
30	569	0.124	102
32	581	0.125	101
34	593	0.127	100
36	605	0.128	99
38	617	0.129	98
40	629	0.130	97
42	641	0.132	96
44	653	0.133	95
46	665	0.134	94
48	677	0.135	93
50	689	0.136	92
52	701	0.138	91
54	713	0.139	90
56	725	0.140	89
58	737	0.141	89
60	749	0.142	88
62	761	0.143	87
64	773	0.145	86
66	785	0.146	85
68	797	0.147	85
69	803	0.147	84