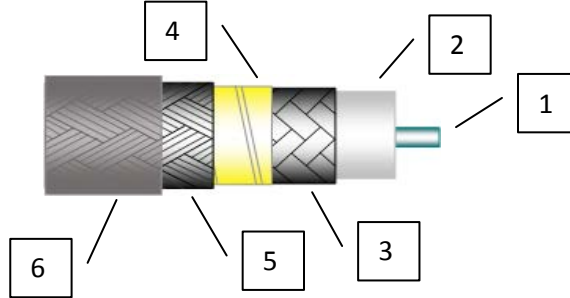


Application Notes

Recommended for applications that require a balanced combination of robust mechanical and electrical performance. Considered our best overall design, the triple shield construction of this series provides reliable mechanical strength and low loss, broadband electrical performance. Avoid applications with continuous flexures exceeding 10,000 bend cycles, use DynaFlex® DF400 series for higher flex applications.

This document contains proprietary and confidential information.



Physical Properties

Construction in accordance with MIL-DTL-17

Operating Temp. (deg C)	-45 / +125	1	Center Conductor	Silver Plated Copper Per ASTM B298
Jacket O.D. (in)	0.205 ± .005	2	Dielectric	Semisolid PTFE, Type F, per ASTM D4894 & D4895
Round Braid O.D. (in)	0.188	3	First Shield	Silver Plated Copper per ASTM B298
Helical Foil O.D. (in)	0.168	4	Secondary Shield	High Temp, Aluminum Polyimide Foil
Flat Braid O.D. (in)	0.162	5	Third Shield	Silver Plated Copper per ASTM B298
Dielectric O.D. (in)	0.150	6	Jacket (Gray)	Type X per ASTM D3159, ETFE
Center Conductor (in)	0.051	Marking @ 12 inch intervals (Black Ink)		
Inside Min. Bend Radius (in)	0.6"	DynaFlex® DF126 (Lot #) yyww		
Weight (lbs/ft)	0.049 Max			

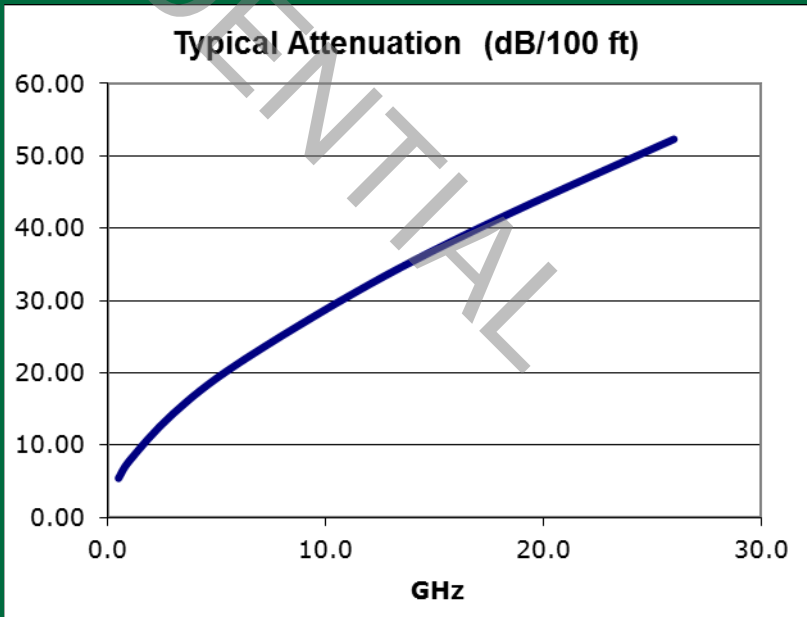
Nominal Electrical Properties

Packaging: 100 ft. Minimum Continuous Lengths, 1 Length Per Reel, 14" Plastic Reels.

Impedance (ohms)	50
Velocity of Propagation (%)	78
Shielding Effectiveness (dB)	90
Capacitance (pF/ft)	26
Max Operating Freq. (GHz)	26.0

Attenuation (dB/100ft) @ 25 °C and Sea Level

Freq. (GHz)	Typical	Max
0.5	5.42	5.96
1.0	7.84	8.62
3.0	14.33	15.76
6.0	21.30	23.42
12.0	32.20	35.42
18.0	41.39	45.53
26.0	52.32	54.55
K1	7.25	7.97
K2	0.59	0.65



SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE

REV	DCN NO.	DATE	APP.	135 WARD HILL, MA 01835 978 469-9448 WWW.DYNAWAVECABLE.COM	
AA	12-1883	10/2/12	SH	DRAWN TA	0.205", 78%, ETFE GRY .051, BRD, FOIL, BRD
BA	14-2091	9/2/14	SH	DATE 10/2/12	
BB	14-2315	10/15/14	SH	APPROVED SH	DATE 10/2/12
CA	15-1067	1/16/15	SH	CODE IDENT.	Page 1
CB	15-1772	6/2/15	SH	6DZL5	
				DWG. NO.	DF126