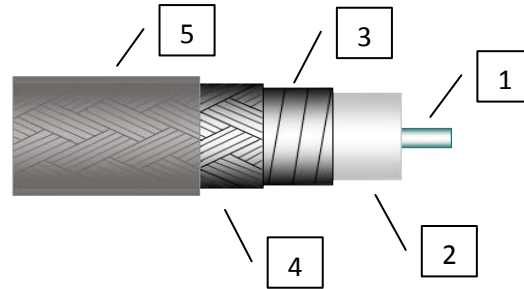


Application Notes

Recommended for applications where lowest loss or phase stability are the primary performance requirement. The high performance design of this cable is optimized for electrical attributes with limitations on physical robustness. Avoid applications that induce radial torque such as coiling, use DynaFlex® DF100 series for more demanding mechanical requirements.

This document contains proprietary and confidential information.



Physical Properties

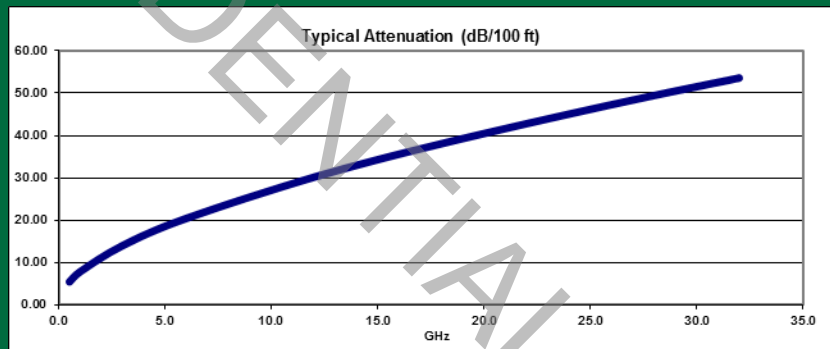
Construction in accordance with MIL-DTL-17

Operating Temp. (deg C)	-45 / +125	1	Center Conductor	Silver Plated Copper Per ASTM B298
Jacket O.D. (in)	0.185 ± .005	2	Dielectric	Semi-solid PTFE, Type F, per ASTM D4894 or D4895
Round Braid O.D. (in)	0.169	3	First Shield	Silver Plated Copper per ASTM B298
Helical Foil O.D. (in)	0.149	4	Secondary Shield	Silver Plated Copper per ASTM B298
Dielectric O.D. (in)	0.140	5	Jacket (Gray)	Flouroplastic, Type IX per ASTM D2116 or Type X per ASTM D3159
Center Conductor (in)	0.051		Marking @ 12 inch intervals (Black Ink)	"DynaFlex® DF232 (Lot #) YYWW "
Inside Min. Bend Radius (in)	0.92"			
Weight (lbs/ft)	0.041 Max			

Nominal Electrical Properties

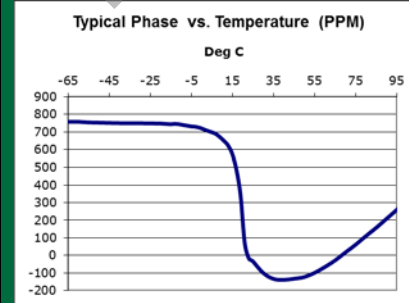
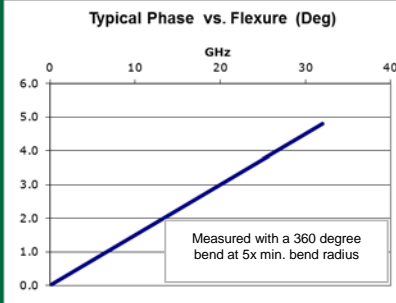
Packaging: 100 ft. Minimum Continuous Lengths, 1 Length Per Reel, 14" Plastic Reels

Impedance (ohms)	50
Velocity of Propagation (%)	84
Shielding Effectiveness (dB)	100
Capacitance (pF/ft)	24
Max Operating Freq. (GHz)	32



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

Freq. (GHz)	Typical	Max
.05	5.47	6.02
1.0	7.84	8.62
3.0	14.02	15.41
6.0	20.45	22.46
12.0	30.15	33.10
18.0	38.08	41.80
26.0	47.29	51.90
32.0	53.57	58.77
K1	7.49	8.24
K2	0.35	0.38



SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE

Rev	DCN NO.	Date	APP.	135 WARD HILL, MA 01835 978-469-9448 WWW.DYNAWAVECABLE.COM	
01	12-2086	11/7/12	SH	DRAWN TA DATE 11/7/12	
02	13-1876	6/17/13	SH	APPROVED SH DATE 11/7/12	0.185", 84%, ETFE GRY .051", FOIL, BRD Customer Drawing: N/A
AA	14.2109	9/5/14	SH		
BA	14.2367	12/23/14	SH	CODE IDENT. 6DZL5	DWG. NO. DF232
BB	15-1253	2/23/15	SH		
BC	15-1766	6/2/15	SH	Page 1	