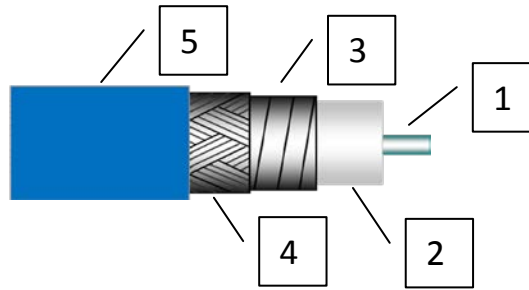


Application Notes

Recommended for replacement of pre-formed semi-rigid cable assemblies and not for non-static applications. Eliminates the need for 3D assembly drawings and can be terminated with standard semi-rigid connectors. Offers lower attenuation than similar sized RG cables. Designed for single installation, non-flexure applications, use DynaFlex® cable where repeated mating and flexure may be required.

This document contains proprietary and confidential information.



Physical Properties

Construction in accordance with MIL-DTL-17

Operating Temp. (deg C)	-65 / +125	1	Center Conductor	Solid Silver Plated Copper Per ASTM B298
Jacket O.D. (in)	0.150 ± .005	2	Dielectric	Semisolid PTFE, Type F, per ASTM D4894 & D4895
Round Braid O.D. (in)	0.134	3	First Shield	Silver Plated Copper per ASTM B298
Helical Foil O.D. (in)	0.114	4	Secondary Shield	Silver Plated Copper per ASTM B298
Dielectric O.D. (in)	0.105	5	Jacket (Blue)	Flouroplastic, Type IX per ASTM D2116 or Type X per ASTM D3159
Solid Center Conductor (in)	0.036		Marking @ 12 inch intervals (Black Ink)	D-Flex® Microporous DXM141 (Lot #) yyww
Inside Min. Bend Radius (in)	0.47"			
Weight (lbs/ft)	0.029			

Nominal Electrical Properties

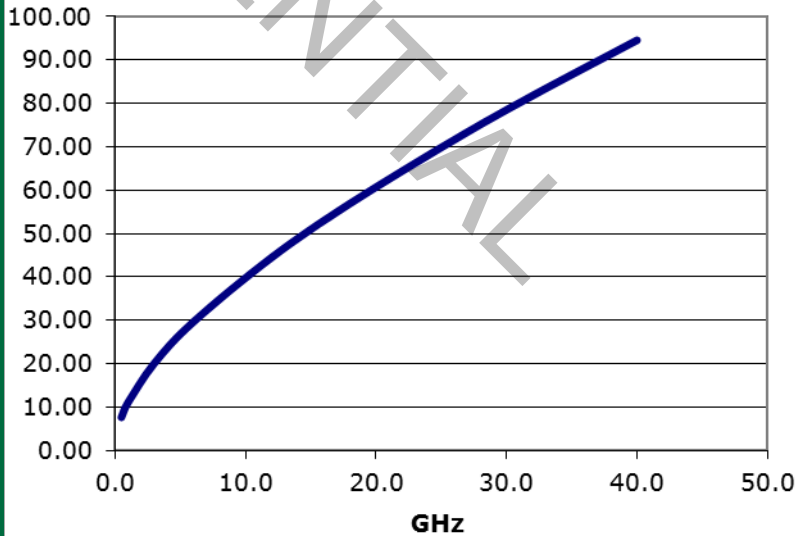
Packaging: 100 ft. Minimum Continuous Lengths, 1 Length Per Reel, 14" Plastic Reels

Impedance (ohms)	50
Velocity of Propagation (%)	78
Shielding Effectiveness (dB)	100
Capacitance (pF/ft)	26.0
Max Operating Freq. (GHz)	40

Nominal Attenuation @ 25 °C and Sea Level

Freq. (GHz)	dB/100 ft
0.5	8.44
1.0	12.06
3.0	21.42
6.0	31.03
12.0	45.36
18.0	56.94
26.0	70.27
32.0	79.29
40.0	90.42
K1	11.64
K2	0.42

Nominal Attenuation (dB/100 ft)



SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE

REV	DCN NO.	DATE	APP.	135 WARD HILL, MA 01835 978 469-9448 WWW.DYNAWAVECABLE.COM	
EC	15-1035	1/12/15	SH	DRAWN TA DATE 9/27/12	
FA	15-2478	10/19/15	SH	APPROVED SH DATE 10/2/12	0.150", 78%, FEP BLU / .036", FOIL, BRD, ETFE CUSTOMER DRAWING: N/A
FB	15-2797	12/16/15	SH	CODE IDENT. Page 1	
GA	16-1628	5/20/16	TA	6DZL5	DWG. NO. DXM141
HA	16-1752	6/21/16	TA		
HB	18-1276	3/6/18	SH		