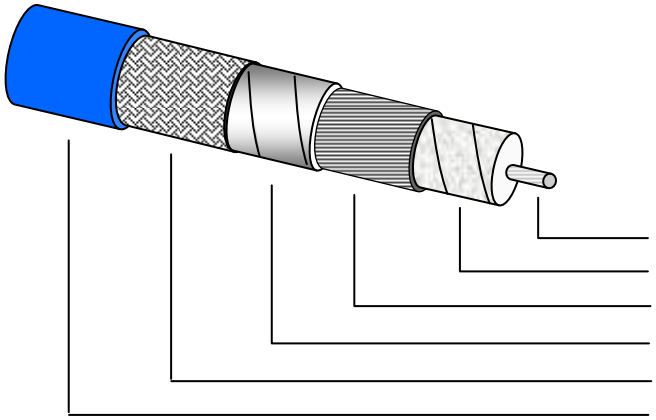
TIMES MICROWAVE SYSTEMS

LTR	DESCRIPTION	DATE	BY
--A	INITIAL RELEASE	6/30/2011	Ep
--B	REMOVE PTFE&MARKER TAPE	4/15/2012	Ep
--C	CHANGE 320S TO 300S	4/24/2012	Ep



Center Conductor	0.092”	Stranded Silver Plated Copper
Dielectric	0.245”	Microporus PTFE
Shield	0.248”	Silver Plated Copper
Interlayer	0.252”	Metalized Mylar Tape
Outer Braid	0.276”	Silver Plated Copper Braid
Jacket	0.302”	Blue FEP

Mechanical Characteristics

Diameter:	0.306” maximum
Minimum Bend Radius (dynamic)	1.750” nominal
Operating Temperature	-65^0 to $+150^0$C
Weight	93.0-lbs/1000 ft
Cable Marking:	none

Electrical Characteristics

Characteristic Impedance	50 Ohms nominal
Velocity of Propagation	81.0% nominal
Capacitance	24.75 pf/ft nominal
Delay	1.25 nsec/ft nominal
Shielding	-90 dB minimum
Insertion Loss	0.255dB/Ft @ 18.0 GHz

IL = 0.1715 x$\sqrt{}$ Freq*+ 0.0001373 x Freq* (*MHz)

High Performance RF Cable **MAXGAIN 300S** **510-0035**	**Date: April 24, 2012** **Revision: --C** By Ed Pallanti	**TIMES MICROWAVE SYSTEMS** Wallingford, CT. 06492-5039 CAGE 68999
www.timesmicrowave.com	Unless specified all dimensions in inches.	**AA-9999**

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