



DIM. "L"	6.0 GHz VSWR	6.0 GHz ILoss (dB)	12.0 GHz VSWR	12.0 GHz ILoss (dB)	18GHz VSWR	18GHz ILoss (dB)
250	1.15	0.538	1.25	0.528	1.3	0.700
500	1.15	0.605	1.25	0.955	1.3	1.250
750	1.15	0.883	1.25	1.383	1.3	1.800
1000	1.15	1.160	1.25	1.810	1.3	2.350
1250	1.15	1.438	1.25	2.238	1.3	2.900
1500	1.15	1.715	1.25	2.665	1.3	3.450
1750	1.15	1.993	1.25	3.093	1.3	4.000
2000	1.15	2.270	1.25	3.520	1.3	4.550

Electronical Specifications	
IMPEDANCE (Ω)	50
FREQUENCY (GHz)	DC-18
VSWR (Max.)	1.3
INSERTION LOSS (dB)	Refer to table
POWER (W)	163W@6GHz, 83W@18GHz

Mechanical Specifications	
CONNECTOR (A)	SMA (MALE)
CONNECTOR (B)	SMA (MALE)
CABLE	Flexiform 402 .0141 "
CONNECTOR TORQUE	0.9 N
OPERATING TEMPERATURE	-45°C ~ +85°C

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TOLERANCE GROUP		(UNLESS NOTED OTHERWISE)	
LINEAR		ANGULAR	
X	+/-0.5	X*	+/-1.0°
XX	+/-0.2	XX*	+/-0.5°
XXX	+/-0.05	XXX*	

3RD ANGLE PROJECTION

DRAWN		DW	
DATE	01-08-2012	DWG	D.C.
DRG. CHECK		MCH. CHECK	M.C.
ELEC. CHECK		ELEC. CHECK	Y.C.
APPROVED			

* DIMENSIONS IN MILLIMETERS UNDO
 * DRAWINGS PRACTICES TO AS 1100
 * DO NOT SCALE - IF IN DOUBT/ASK

TITLE			
Harbia Flexiform 402 SMA (male) to SMA (male) Cables			
MATERIAL	FINISH		
SCALE	SHEET No	PARTS No	
1:1	1 OF 1	00-0206	A4