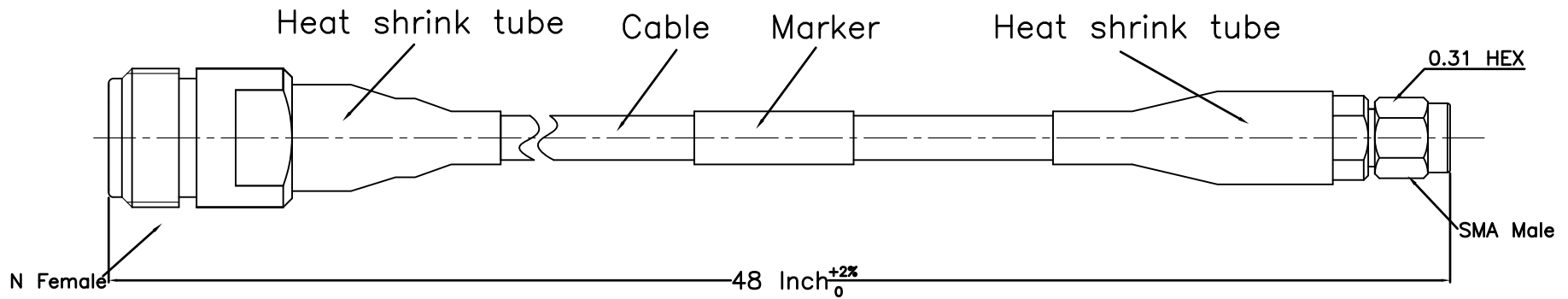


THIS DRAWING UNPUBLISHED.

RELEASED FOR PUBLICATION

LOC	DIST	REVISIONS				
—	—	P	LTR	DATE	DWN	APVD
—	—	—	—	—	—	—



NOTES:

1.ELECTRICAL:

- 1.1 IMPEDANCE: 50Ω
- 1.2 INSULATION RESISTANCE: 5000MΩ MIN
- 1.3 FREQUENCY RANGE: DC~18GHz
- 1.4 DIELECTRIC WITHSTANDING VOLTAGE: 1000V MAX AT SEA LEVEL
- 1.5 VSWR ≤ 1.40:1 @ DC-18GHz
- 1.6 INSERTION LOSS: ≤ 2.1dB @ 18GHz

2.ENVIRONMENTAL:

TEMPERATURE RANGE: -55° to +125°

3. CONNECTOR MATERIAL AND FINISH:

- BODY: STAINLESS STEEL TYPE 303, PASSIVATE
- NUT: STAINLESS STEEL TYPE 303, PASSIVATE
- CENTER CONTACT: BERYLLIUM COPPER
- GOLD PLATING
- DIELECTRIC: PTFE, N/A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	CZB	11/11/2015	HASCO	
		CHK			HyTech Associates Sales Company, Inc	
		APVD			NAME HLL142® Series	
DIMENSIONS INCHES		PRODUCT SPEC	18GHz Ultra Low Loss Flexible Cable Assemblies			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	Excellent Phase Stability vs. Flexure & Temperature			
0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.12 3 PLC ±— 4 PLC ±— ANGLES ±1°		SIZE	CAGE CODE	DRAWING NO	A3 OT8L4 HLL142-S1-NJ-48	
MATERIAL SEE TABLE		FINISH SEE TABLE	WEIGHT	CUSTOMER DRAWING		
		SCALE 4:1		SHEET 1 OF 1		RVE 1