

REV.	CHANGE NUMBER	DATE	ORIG.	CHECK
A0	RELEASE TO PROTOTYPE	04.10.09		
A1	RELEASE TO PRODUCTION	04.21.09		

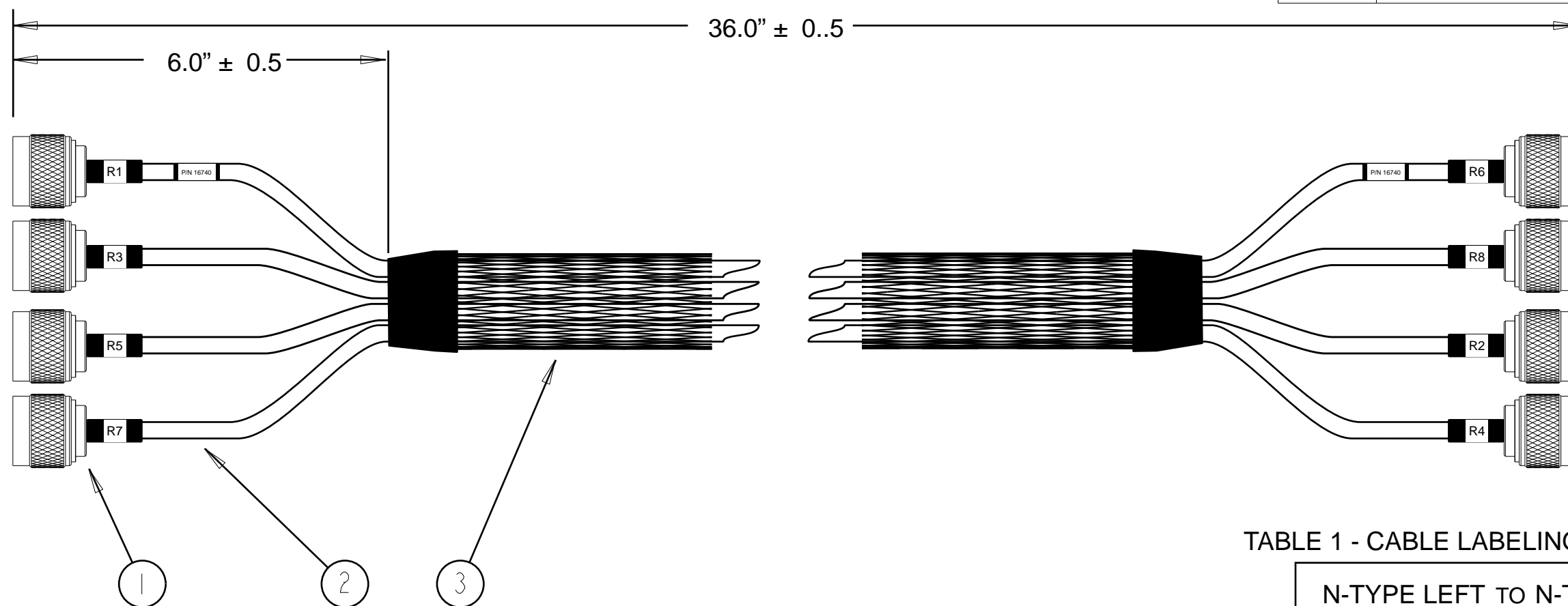


TABLE 1 - CABLE LABELING SPECIFICATION

N-TYPE LEFT TO N-TYPE RIGHT		
R1	TO	R6
R3	TO	R8
R5	TO	R2
R7	TO	R4

NOTES:

- ITEM 1 - CONNECTOR: AMPHENOL CONNEX 172135 N-TYPE CONNECTOR OR EQUIVALENT
STRAIN RELIEF: ADHESIVE SHRINK TUBING OVER CRIMP AREA
- ITEM 2 - CABLE: TIMES MICROWAVE LMR-240 JACKETED COAX CABLE
- ITEM 3 - HARNESS JACKET: FOUR CABLES SHOULD BE BUNDLED TOGETHER IN A SHEATH WITH PROTECTO 3/4 PE BLACK MESH SHEATH WITH ENDS SEALED USING ADHESIVE SHRINK TUBING TO SEAL END OF MESH AND LIMIT CABLE MOVEMENT WITHIN SHEATH

CABLE TO BE LABELED:

- 1) WITH AZIMUTH PART NUMBER AND REVISION USING 3/4" LONG PIECE OF "UN-SHRUNKEN" SUMITOMO B2 (OR EQUIVALENT) HEATSHRINK. LABEL MUST BE FREE TO SLIDE ON ONE OF THE CABLES AT EACH END
- 2) EACH INDIVIDUAL CABLE MUST BE LABELED CLOSE TO END (CONNECTOR) WITH "PORT NUMBER" ACCORDING TO TABLE 1. LABEL SHOULD BE WHITE BAND WRAPPED AROUND CABLE WITH LARGE CLEAR LETTERING. LABEL SHOULD BE FIXED IN POSITION

TEST/PERFORMANCE CRITERIA:

- INSERTION LOSS PER CABLE = <1.7dB
- OPERATING RANGE = dc - 6GHz
- CONNECTOR TO CONNECTOR CONNECTIVITY TESTED AS PER TABLE 1

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THIRD ANGLE PROJECTION		TITLE			
UNSPECIFIED TOLERANCES IN INCHES ANGLES ± 0° 30' DECIMALS .X ± .1 .XX ± .015 .XXX ± .005		ASSY, RF HARNESS FOR ACE MX 4X4 N-TYPE TO N-TYPE 36"			
DRAWN G. CELINE	04.21.09	CODE	SIZE	NUMBER	REV
CHECKED S. FARELLY	04.21.09	PRO	B	16740	A1
APPROVED		SCALE:	*	SHEET 1 OF 1	

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