

1. ELECTRIC PERFORMANCE	
IMPEDANCE (Ω)	: 50
FREQUENCY RANGE	: DC-6 GHz
VSWR	: ≤ 1.1 (DC-3GHz)
	: ≤ 1.3 (3-6GHz)
INSERT LOSS (dB)	: ≤ 0.1
PIM (dBc):	: ≤ -160 (2X43dBm)
INSULATION RESISTANCE ($M\Omega$)	: ≥ 5000
PROOF VOLTAGE (V)	: 1500
CONDUCTOR RESISTANCE ($m\Omega$)	: OUTER CONDUCTOR <0.4
	INNER CONDUCTOR <0.8

III. MATERIAL AND PLATING

INNER CONDUCTOR	: SPRING COPPER PLATING Ag5 μ m
OUTER CONDUCTOR	: BRASS PLATING COPPER-TIN-ZINC2 μ m
NUT	: BRASS PLATING COPPER-TIN-ZINC2 μ m
SPRING WASHER	: SPRING COPPER PLATING COPPER-TIN-ZINC2 μ m
WASHER	: BRASS PLATING COPPER-TIN-ZINC2 μ m
INSULATOR	: PTFE
O-RING	: SILICON RUBBER

V. ASSEMBLY : INNER AND OUTER CONDUCTOR SOLDERED

7	WASHER	BRASS	WHITE BRONZE	1
6	LOCK WASHER	SPRING COPPER	WHITE BRONZE	1
5	INSULATOR	PTFE	NATURAL	1
4	O-RING	SILICONE RUBBER		1
3	NUT	BRASS	WHITE BRONZE	1
2	OUTER CONDUCTOR	BRASS	WHITE BRONZE	1
1	INNER CONDUCTOR	SPRING COPPER	SILVER	1
NO	DESCRIPTION	MATERIAL	FINISH	QTY

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°</p> <p>NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.</p>	MATERIAL	DRAWN	DATE	TITLE		Amphenol Connex		
		GOPI M	23-Oct-12					
		ENGINEER	DATE					
	REFERENCE	GOPI M	23-Oct-12	FOR 0.141" SEMI-RIGID CABLE		SCALE: 5.0:1 SHEET 1 OF 1		
		APPROVED	DATE					
		CAD FILE		DWG SIZE	DRAWING NO.	REV		
				B	172137-12	A		