



SHEET REVISION STATUS				
5	4	3	2	1
				SHEET NO
			A	LATEST REV

REVISIONS				
REV.	ECO	DESCRIPTION	DATE	APPROVED
A	0078	RELEASED	8.12.09	TINA H.

PRODUCT STATUS	
NOT APPROVED	
APPROVED	X

ALL PARTS ARE RoHS Compliant

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm PER ANST 114.54-1982	CONTRACT TO				Netronics Communications Inc.		
	TOLERANCE		DWG	TINA H.		TINA	25.11.09
LINEAR	ANGULAR	CHKD	Y MILLER	YIN	25.11.09	TITLE	NRFC - 100 - N
± 2	± / °	DSGN				SIZE	A3
SURFACE TEXTURE IN MICRO IN	PROJ					DWG NO	WA42896800C
	MFG					SCALE	1:1.2
NEXT ASSY	QA	Micha. G.	MG		25.11.09	SHEET 1 OF 2	

8 7 6 5 4 3 2 1

D
C
B
A

REQUIREMENTS

1. ELECTRICAL

- 1.1 Frequency Range: DC-6.0GHz
- 1.2 Insertion Loss: 0.6dB (max.)
- 1.3 Impedance: 50 ohm
- 1.4 Return Loss: -17dBR (max.)

2. MECHANICAL

- 2.1 Pull Strength: 8kg
- 2.2 Bend Radius: 20mm.

3. ENVIRONMENTAL

- 3.1 Operating Temperature Range: -40°c to +85°c
- 3.2 Degree of Protection: IP67

4. TESTS

- 4.1 Prototypes
 - 4.1.1 Visual Inspection
 - 4.1.2 Insertion Loss
 - 4.1.3 Return Loss
 - 4.1.4 Pull / Twist Strength
- 4.2 Production
 - 4.2.1 100% Visual Inspection
 - 4.2.2 Electrical Tests-Per ANSI Z 1.4 1993 Class II AQL=1%(IL & RL)

5. PACKING

- 5.1 Pack the cable with nylon bag .

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SIZE A3	DWG NO WA42896800C	X
SCALE- 1:1.2	SHEET 2 OF 2	

8 7 6 5 4 3 2 1