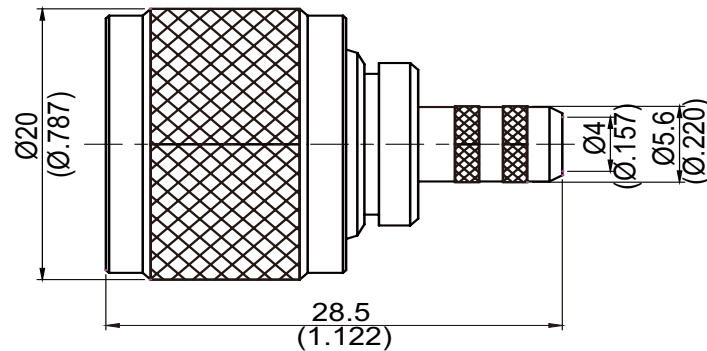


N3100B-L240

N Plug Crimp For JBY240; LMR240
6GHz VSWR 1.2

50Ω



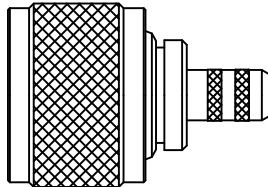
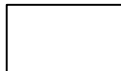
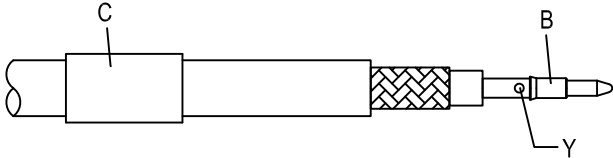
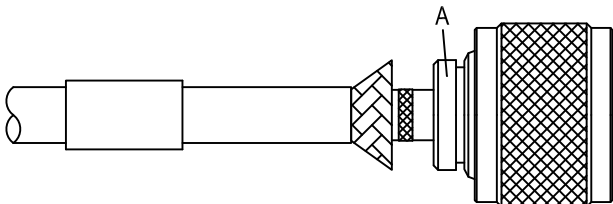
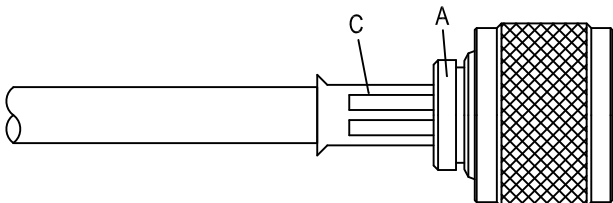
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勝特力電材超市-光復店 886-3-5729570
勝特力電子(上海) 86-21-34970699
勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>

Parts	Material	Plating (Micro-inch)
Ferrule	Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Contact Pin	Brass	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

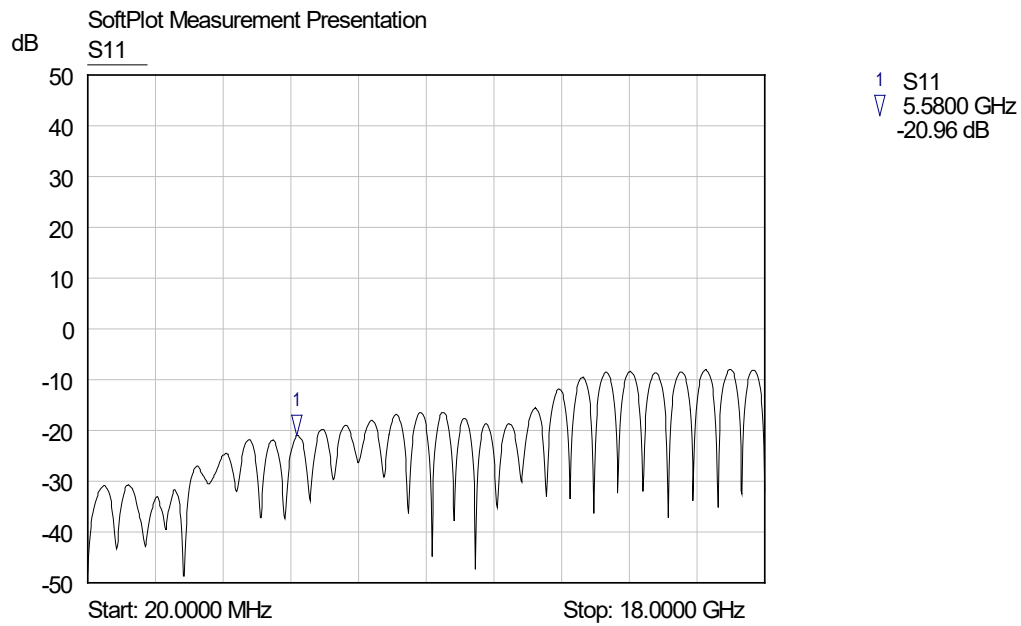
Suitable Cables: JBY240; LMR240

N	N3100B-L240
Interface MIL-STD-348B	
Electrical Data Impedance50Ω Frequency rangeDC to 6GHz VSWR ≤ 1.2 (DC to 6GHz) Insertion loss $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 1.5\text{m}\Omega$ Contact resistance outer conductor $\leq 1\text{m}\Omega$ Dielectric withstanding voltage (at sea level)2500 V rms Working voltage (at sea level)1000 V rms	
Mechanical Data Recommended coupling nut torque6 to 10 inch lbs Coupling proof torque15 inch lbs Coupling nut retention force ≥ 101.2 lbs Contact captivation-axial ≥ 6.3 lbs Durability (mating) ≥ 500	
Environmental Data Temperature range-65°C to +165°C Thermal shockMIL-STD-202, Method 107, Condition B Moisture resistanceMIL-STD-202, Method 106 CorrosionMIL-STD-202, Method 101, Condition B RoHSCompliant	
Tooling Crimping toolCRT-1 or CRT-2 Crimp insertINSERT-E	

CABLE ASSEMBLY RECOMMENDATION

N3100B-L240		DATE	2018/09/20	REV	A
A  BODY B  CONTACT PIN C  FERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 1.6mm/0.063inch SECTION OF INSERT-E IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 6.5mm/0.256inch HEX SECTION OF INSERT-E)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

N3100B-L240



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