

Synergy Telecom P Ltd.

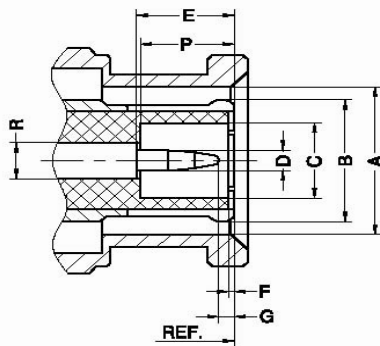
BNC(M) RG-59 PLASTIC HOOD



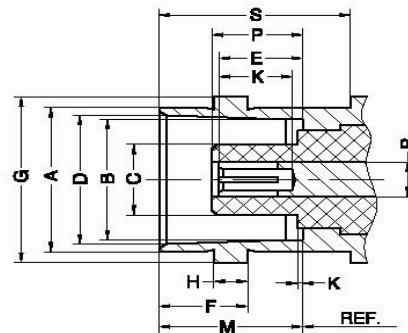
TYPE BNC is one kind of RF coaxial connectors using a bayonet type coupling mechanism characteristic impedance has two types: 50Ω and 75Ω . They can be quick connect/disconnect, reliable lock etc. they are widely used in connection with the RF coaxial cables in computer field network of wireless, medical equipment and electronic instrument.

INTERFACE MATING DIMENSIONS (50Ω)

Pin connector



Socket connector



MAJOR TECHNICAL CHARACTERISTICS

Temperature Range	-55 ~ +155 °C (PE Cable -40 ~ +85 °C)	
Impedance	50 Ω , 75 Ω	
Frequency Range	DC ~ 4GHz	
Working Voltage	500V r.m.s	at sea level
Withstanding Voltage	1500V r.m.s	at sea level
Contact resistance		
Center Contact	$\leq 1.5 \text{ m}\Omega$	
Outer Contact	$\leq 1 \text{ m}\Omega$	
Insulation resistance	$\geq 5000 \text{ M}\Omega$	
Center conductor retention force	$\geq 0.57\text{N}$	
Insertion Loss	$\leq 0.20\text{dB}/3\text{GHz}$	
Voltage Standing Wave Ratio		
	Straight	$\leq 1.22/3\text{GHz}$
	Right angle	$\leq 1.30/3\text{GHz}$
Durability(mating)	≥ 500 次 (cycles)	

MATERIAL & PLATING

body	brass	nickel plated
pin contact	brass	gold or silver plated
socket contact	beryllium-copper	gold or silver plated
resilient contact	Tin bronze	gold or silver plated
insulator	PTFE	
crimp ferrule	copper alloy	nickel plated
o-ring sealing	silicone rubber	

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