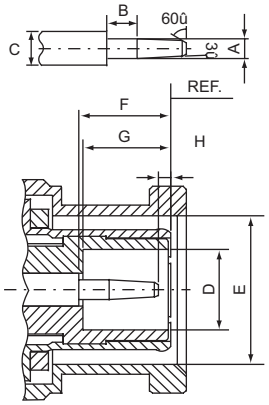
BNC SERIES CONNECTORS

50 ohm 0-4GHz/75 ohm 0-1GHz

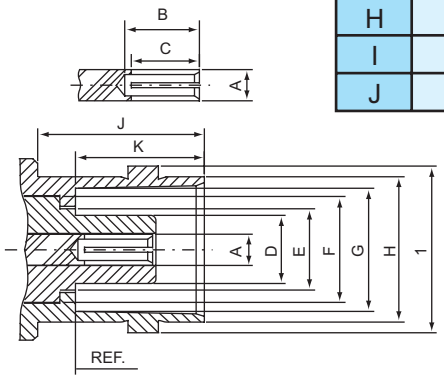
BNC coaxial connectors are miniature, light-weight and can operate satisfactorily up to 11 GHz.
The connector is typically used in applications from DC to 4 GHz and yield low reflection in this frequency range.
They're one of the world's popular RF connectors.
They are prevalent in computer networks, audio, video, data processing and telecommunications equipment because of their size and relatively low installed cost. and cable terminations are available in crimp, clamp, solder and jacket quick twist configurations.
The two-stud bayonet lock coupling provides ease of connecting and disconnecting and is ideally suited for applications such as test equipment where this feature is notably significant.

Interface Dimensions:

Plug (male)



Jack (female)

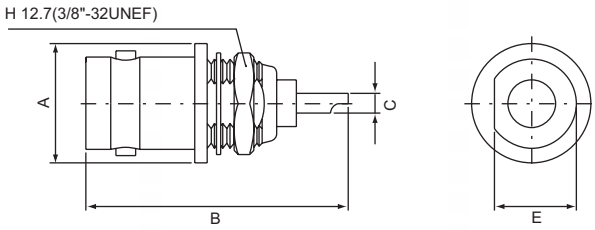


	Plug		Jack	
	min.	max.	min.	max.
A	1.32/.052	1.37/.054	2.06/.081	2.21/.087
B	1.98/.078	-	4.95/.195	-
C	2.06/.081	2.21/.087	4.70/.185	-
D	4.83/.190	-	-	4.72/.186
E	9.78/.385	9.91/.390	8.10/.319	8.15/.321
F	5.33/.210	5.84/.230	9.60/.378	9.70/.382
G	5.28/.208	5.79/.228	10.97/.432	11.07/.436
H	0.08/.003	-	10.52/.414	-
I	-	-	8.31/.327	8.51/.335
J	-	-	4.72/.186	5.23/.206

Electrical:

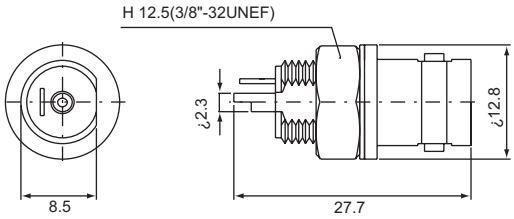
Impedance	50 ohm	75ohm
Frequency Range	0 to 4.0 GHz	0 to 1GHz
VSWR	Straight: 1.3max ; Right angle: 1.35max	
Insertion Loss	0.2dB max @ 3GHz	

BNC FEMALE, Solder type
Bulkhead receptacle
B-235

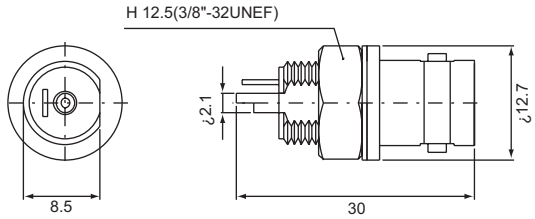


PART NO.	Ω	CABLE TYPE	A	B	C	E	NOTE
B-235	50,75	BRASS	12.5	27.4	2.1	8.5	SOLDER LUG
B-235-2B							LOCK WASHER
B-235ZN	50,75	ZINC	12.7	27.7	2.3	8.5	

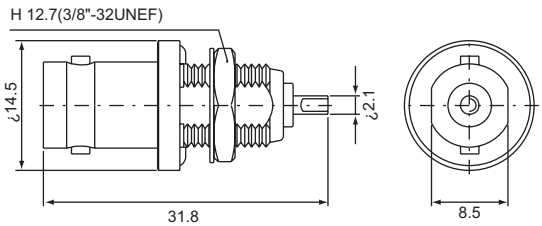
BNC FEMALE, Solder type
Bulkhead receptacle
Isolated ground
B-235-1 (50Ω,75Ω)



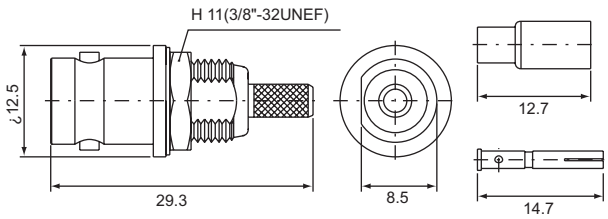
BNC FEMALE
Dielectric color: Green, Blue, Red
B-235-2 (50Ω,75Ω)



BNC FEMALE, Solder type
Bulkhead receptacle
B-235-01B-D/D (50Ω,75Ω)



BNC FEMALE, Crimp type
Bulkhead receptacle
B-2351L (50Ω,75Ω)



BNC FEMALE, Crimp type
Bulkhead receptacle
B-235S-C (50Ω,75Ω)

