

NOTES:

1. MATERIALS AND FINISHES:
BODY - PHOSPHOR BRONZE, NICKEL PLATING
SHELL - BRASS, NICKEL PLATING
CONTACT PIN - BRASS, GOLD PLATING
INSULATOR - PTFE, NATURAL
SPRING - BeCu, NICKEL PLATING
GASKET - RUBBER, RED

2. ELECTRICAL:
A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 12 GHz
C. RETURN LOSS: 20 dB MIN @ DC - 6 GHz
15 dB MIN @ 6 - 12 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -30° C TO + 85° C

4. CRIMPED FERRULE
HEX. CRIMP SIZE .255"

5. CRIMPED CONTACT PIN
HEX. CRIMP SIZE .042"

6. SHOWS CABLE ENTRY DIMENSIONS

7. PACKAGING:
A. QUANTITY: SINGLE PACK
B. BAG TO BE MARKED: AMPHENOL RF
31-70546-12G
YYWW

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	20-Apr-18	07664	SV

15.85
[.624]

7.5
[.295]

6
[.236]

RECOMMENDED CABLE
STRIPPING DIMENSIONS

SCALE 2.000

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ±1° 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 to 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.	MATERIAL SEE NOTES	DRAWN STAR	DATE 23-Apr-18	TITLE BNC CRIMP PLUG-75 OHM (BELDEN 4505R CABLE)	Amphenol RF www.amphenolrf.com	
		ENGINEER SUNDE	DATE 23-Apr-18			
		APPROVED S.HSIEH	DATE 23-Apr-18			
		REFERENCE ---- AND CONFIGURATION LEVEL: In Work	CAD FILE	SCALE: 5.5:1.0	SHEET 2 OF 2	DRAWING NO. 31-70546-12G
		FINISH		DWG SIZE B	REV A	ITEM NO. 31-70546-12G PART NO. 31-70546-12G