COAX

PRODUCT DATASHEET

N TYPE RIGHT ANGLED SOLDER/CRIMP PLUG

25-110-B3-DE
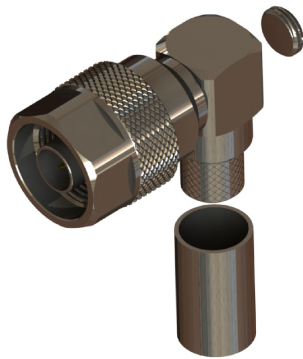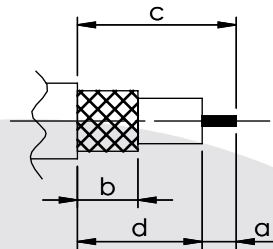
images for illustration purposes only

39.5

HEX 19 A/F

16 A/F

27.5

9.5

Ø 7.5

20

Ø 10.6
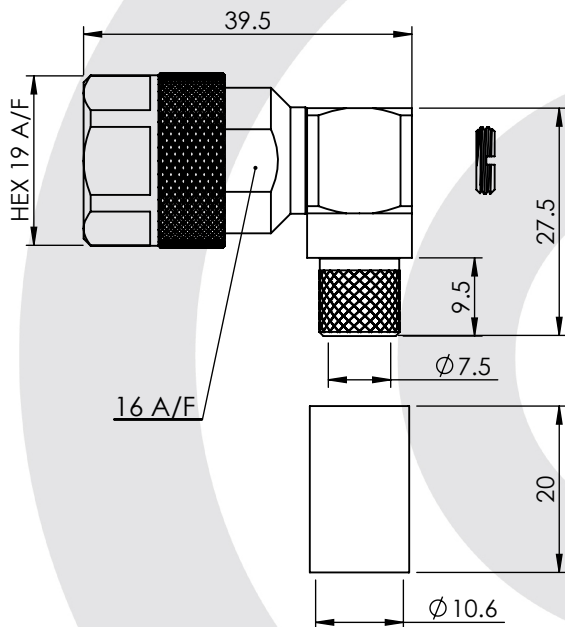
Suitable for Cables:

(DE) LMR400, TZC50032, Belden 9913, RG8

Stripping Dimensions

c

b

d

a

a = 4.5 mm
b = 10.0 mm
c = 23.0 mm
d = 18.5 mm

* CUT FOIL TO DIM. "d"

Assembly Procedure: AP017

Tooling

Centre Contact: SOLDER   Tool No: Solder

Crimp Sleeve: HEX 10.9mm A/F   Tool No: 336K

Alignment Tool: Not Applicable   Extraction: Not Applicable

Environmental Specification

Operating Temp: -55 to +155 Deg C.
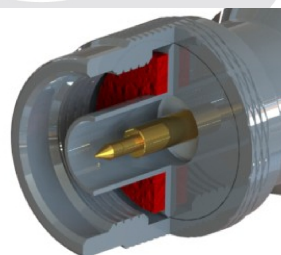IP Rating (Mated): IP 65

Electrical Specification

Impedance: 50 Ohm
Frequency: 0-6 GHz
Dielectric W/V: 2500 Veff
Insulation res: 5000 M-Ohm

Mechanical Specification

Contact Retention: 20 N min
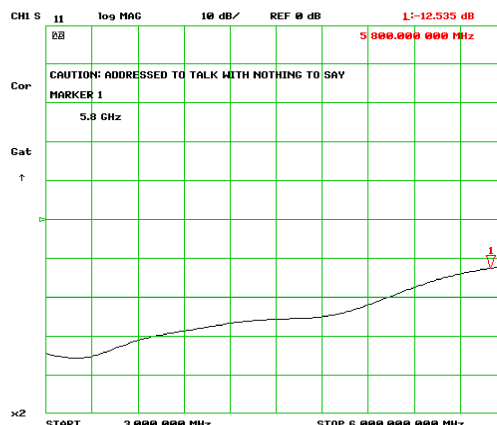Cable Retention: 200 N min
Mating cycles: 500
Weight: 60.27 g

Connector Interface

image for illustration purposes only

Performance

-33.0dB @ 1.0 GHz
-28.0dB @ 2.0 GHz
-20.0dB @ 4.5 GHz
-12.0dB @ 6.0 GHz

Return Loss Graph

CHI S	11	log MAG	10 dB/	REF 0 dB	L:-12.535 dB

5 800.000 000 MHz

Cor

CAUTION: ADDRESSED TO TALK WITH NOTHING TO SAY
MARKER 1

5.8 GHz

Gat

x2

START   3.000 000 MHz   STOP 6 000.000 000 MHz

ITEM	DESCRIPTION	MATERIAL	PLATING
9	OUTER CONTACT	BRASS	NICKEL
8	CAP	BRASS	NICKEL
7	RETAINING RING	PHOSPHOR BRONZE	NICKEL
6	COUPLING NUT	BRASS	NICKEL
5	GASKET	SILICONE	N/A
4	CRIMP SLEEVE	BRASS	NICKEL
3	INSULATOR	PTFE	N/A
2	CENTRE CONTACT	PHOSPHOR BRONZE	GOLD
1	BODIES	BRASS	NICKEL

A4	SHEET 1 OF 1	RoHS 2002/95/EC	DIMENSIONS ARE IN MILLIMETRES		
REVISION :	A02		NAME	SIGNATURE	DATE
			DRAWN	IG	08/07/2010
ISSUE :	2		CHK'D	GE	19/07/2010
6-8 COLNE ROAD, TWICKENHAM, MIDDLESEX. TW1 4JR			APPV'D		
			THE INFORMATION IS GIVEN AS AN INDICATION ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. IN THE CONTINUAL GOAL TO IMPROVE OUR PRODUCTS,WE RESERVE THE RIGHT TO MAKE ANY MODIFICATIONS NECESSARY WITHOUT PRIOR NOTICE.		

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