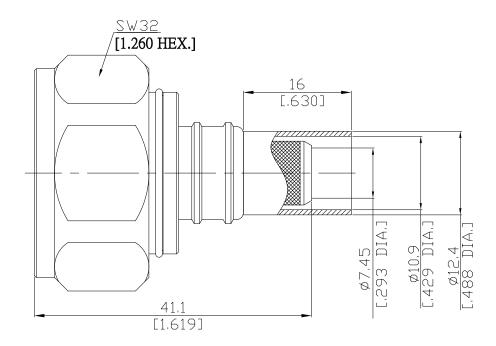


## Technical Data Sheet

# 7/16(Male) Straight Cable Plug

## 716-1C50-EZR400A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to

## Electrical Data

Impedance  $50 \Omega$ 

Frequency DC to 7.5 GHz VSWR (Return Loss) DC = 7.5 GHz

- Limitations are possible due to the used cable type and manufacturing process -

#### Mechanical Data

Coupling mechanisms

Centre contact

Cable entry

Screw-lock
Plug-In
Crimped

## Environmental Data

Temperature range RoHS -65°C to +165°C compliant

IEC 61169-4

## Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	Gold plating (Nickel underplating)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

## Suitable Cables

LMR 400, RNL-400, RG-213\*, RG-8\*

### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	O
In the effort to improve our products, we reserve the right to make changes	Date:	Phone: +886-3-463-5095 / Fax:+886-3-463-5952	1 /2
judged to be necessary.	19/11/10	N-CAGE Code: SFKKO	1/2

<sup>\*</sup> It is necessary to apply liquid tin to the center conductor before plugging it in.

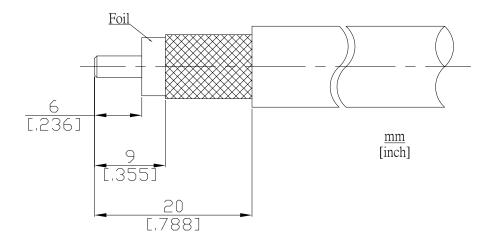


# Technical Data Sheet

# 7/16(Male) Straight Cable Plug

## 716-1C50-EZR400A/144

## Recommended Cable Stripping Dimensions



Please note: It is necessary to apply liquid tin to stranded center conductors before plugging them into the connector.

## Crimp Dimensions [HEX]

Crimp ferrule

10.90 mm [.429 inch]