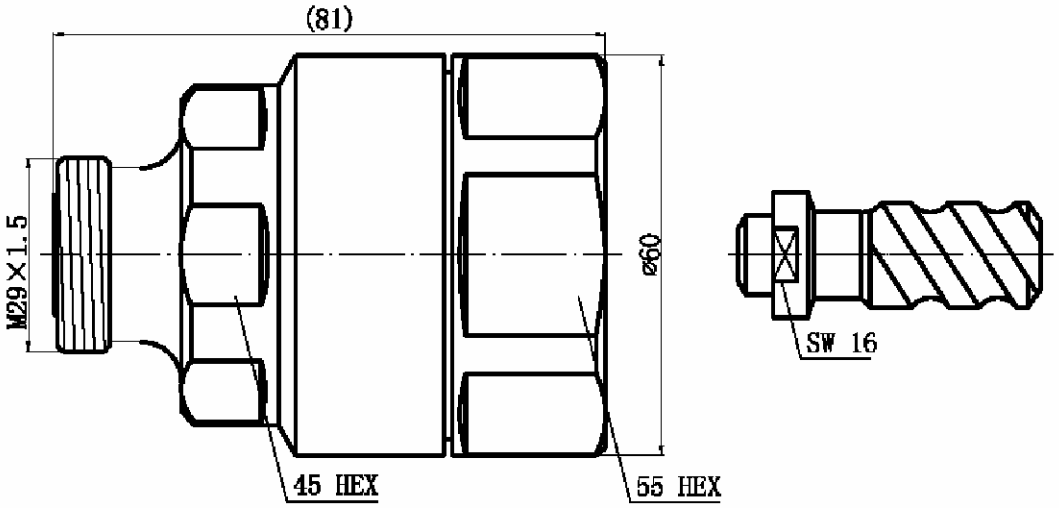
STRAIGHT JACK EZ FIT TYPE

1 5/8" CORRUGATED CABLE

R185A.222.020

Series : **ECO 7/16**



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	**BRASS**	**BBR**
CENTER CONTACT	**BRONZE**	**SILVER**
OUTER CONTACT	-	--
INSULATOR	**PTFE**	
GASKET	**SILICONE RUBBER**	
OTHERS PARTS	**BRASS**	**BBR**
-	-	-
-	-	-

Issue : 1144 B

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PACKAGING

Standard	Unit	Other
1	**-**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-3**	GHz
VSWR	**1.15*** +	**0,0000**	x F(GHz) Maxi
Insertion loss		**0.05**	√F(GHz) dB Maxi
RF leakage	- (	**NA**	- F(GHz)) dB Maxi
Voltage rating		**2700**	Veff Maxi
Dielectric withstanding voltage		**4000**	Veff mini
Insulation resistance		**10000**	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	**200**	N mini
Axial force – Opposite end	**100**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**NA**	N.cm
Panel nut	**NA**	N.cm
Clamp nut	**2500**	N.cm
A/F clamp nut	**55,0000**	mm
Mating life	**100**	Cycles mini
Weight	**463,2000**	g

ENVIRONMENTAL

Operating temperature	**-40/+85**	° C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	30,0	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
LDF7-50A - 1-5/8»
LCF 1-5/8»Cu2Y

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	**500**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

Watertightness:IP67
*0-2.5GHz

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Installation Instructions
Instruction de câblage

DIN 7/16, N Connectors for 1-5/8" Flexible Cable
Connecteurs DIN 7/16, N pour câble flexible 1-5/8"

Connector Type :
Type de connecteur :

1. DIN Male 1-5/8''
2. DIN Female 1-5/8''
3. N Male 1-5/8''
4. N Female 1-5/8''

Recommended Tools :
Outillages recommandés :

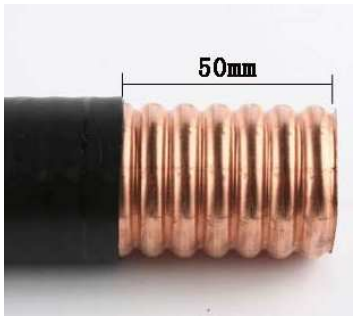
wrenches 1x45mm, 1x55mm; cable knife, brush; cutter plier; saw & saw guide
Scie à métaux, Clé 1x45mm, 1x55mm; Guide coupe, pince coupante; cutter; brosse, outil à chanfreiner

Cable preparation and connector installation
Préparation du câble et mise en place du connecteur

1

2

3



Trim cable jacket
Couper la gaine

4

Cut cable flush with saw guide

5

Cut on top of corrugation
Couper au sommet de l'anneau

6

Deburr the inner conductor
Ebavurer le conducteur central

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7

Deburr the outer conductor
Ebavurer le conducteur extérieur

8

Remove all the particles
Enlever toutes les particules

9

Put O-ring and apply a thin layer of grease to the O-ring
Mettre le joint et appliquer dessus une fine couche de graisse.

10

Push clamping nut fully onto the cable
Mettre à fond l'écrou de serrage sur le câble.

11

12

Flare the outer conductor with screw driver or flaring tool
Evaser le conducteur extérieur à l'aide d'un tournevis ou outil à chanfreiner.

13

Be sure the outer conductor is round and undistored
Vérifier que le conducteur extérieur est bien cylindrique

14

Screw inner conductor into the cable
Visser le contact central dans le conducteur central

15

Screw the front body onto the clamping nut
Visser le corps avant du connecteur sur l'écrou de serrage

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16

Hold the front body fixed and rotate only the clamping nut with wrenches.
the recommended torque is 55Nm
A l'aide de clés, maintenir la partie avant fixe et serrer la partie arrière à l'aide des clés.
Couple de serrage recommandé = 55Nm

17

Finish installation
Installation terminée

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