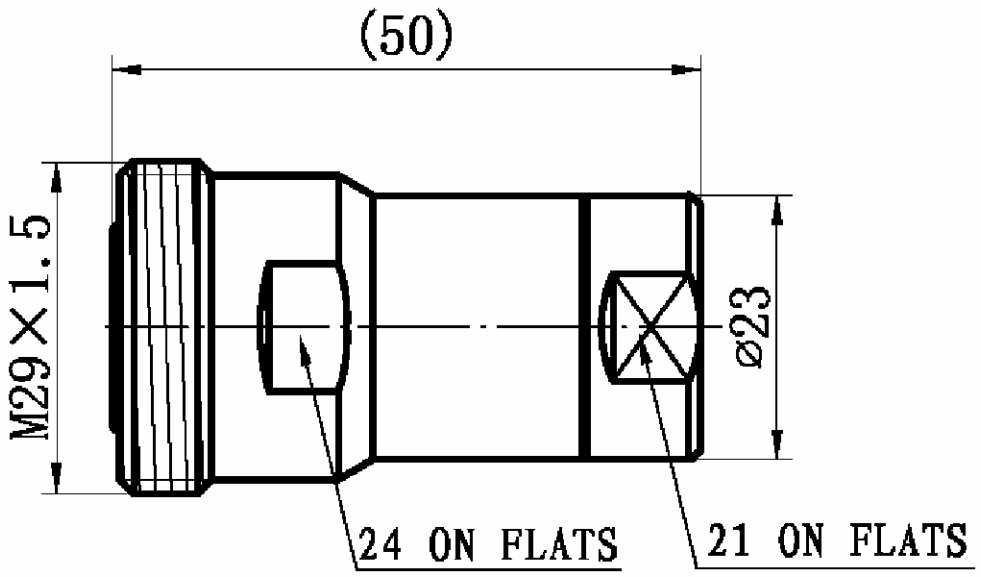
STRAIGHT JACK EZ FIT TYPE

1/2" CORRUGATED CABLE

R185A.216.020

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 : 1147 B

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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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	**800**	N.cm
A/F clamp nut	**21,0000**	mm

Mating life	**100**	Cycles mini
Weight	**98,0000**	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	7,50	22,0	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
LCF 1/2» Cu2y
LDF4-50A - 1/2»
M 1473 Z
M 2831 Z

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	**400**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

Watertightness:IP67
*0-2.5GHZ

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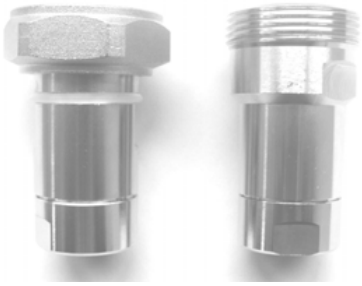
Installation Instructions / *Instruction de câblage*

DIN 7/16 1/2" Flexible Cable

Connecteurs DIN 7/16 câble flexible 1/2"

Connector Type :
Type de connecteur :



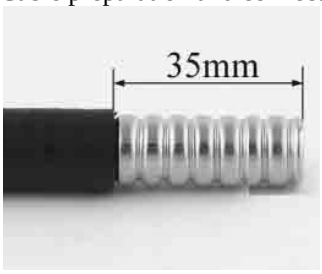
1. DIN Male 7/8'' 2. DIN Female 7/8''
3. N Male 7/8'' 4. N Female 7/8''

Recommended Tools :
Outillages recommandés :

wrenches 2 x 32 mm; cable knife, screw driver; brush; cutter plier
Clé 2 x 32 mm; pince coupante, Tournevis, brosse, cutter

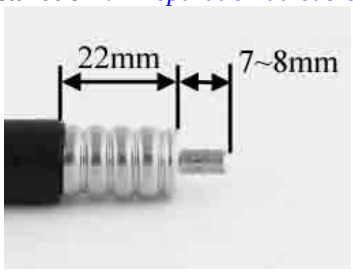
Cable preparation and connector installation / *Préparation du câble et mise en place du connecteur*

1



Trim cable jacket
Couper la gaine

2

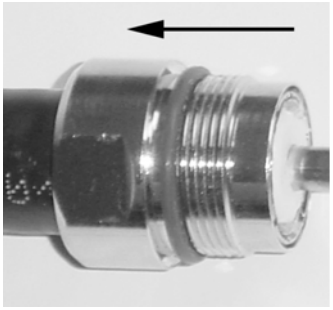


Cut off the outer conductor around the crest of corrugation
Couper le conducteur extérieur au sommet de l'anneau

3

Put O-ring onto the cable
Mettre le joint sur le câble

4

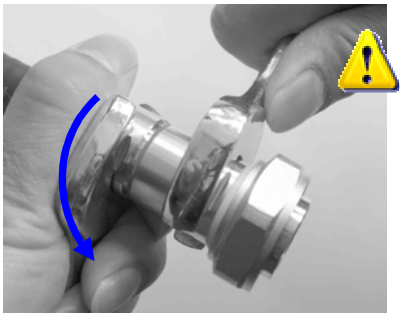


Push clamping nut onto the cable
Pousser la partie arrière du connecteur sur le câble

5

Flare the outer conductor
Evaser le conducteur extérieur

6



Hold the body fixed and rotate only the clamping nut. Torque = 20Nm.
Maintenir le corps avant fixe et tourner uniquement la partie arrière.
Couple de vissage = 20Nm

Notice: disclaims any liability or responsibility for the results of improper or unsafe installation, inspection, maintenance, or removal practices.

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