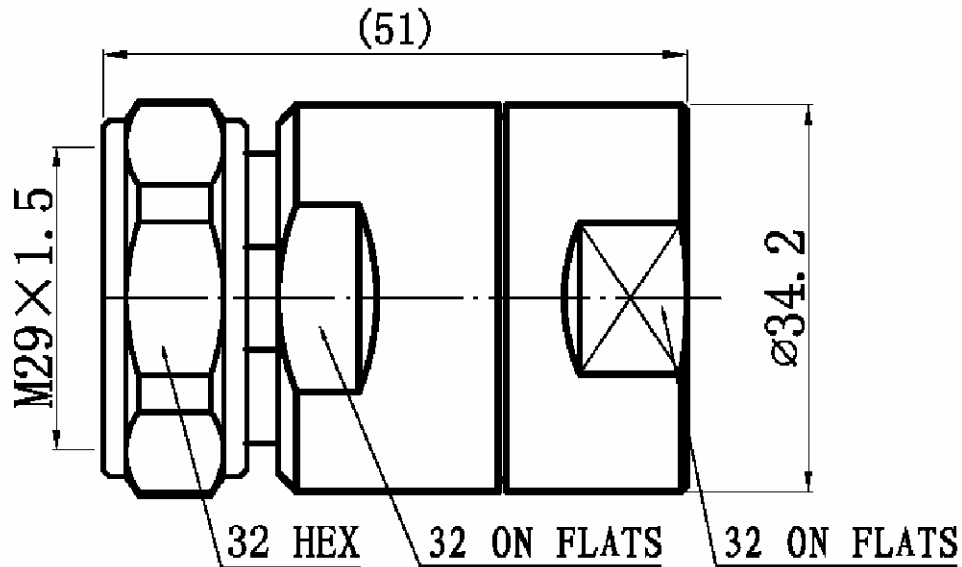


STRAIGHT PLUG EZ FIT TYPE

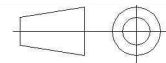
R185A.033.020

7/8" FLEXIBLE CORRUGATED CABLE

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

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

RADIAL 

STRAIGHT PLUG EZ FIT TYPE**7/8" FLEXIBLE CORRUGATED CABLE****R185A.033.020**

Series : ECO 7/16

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	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	2700	Veff Maxi
Dielectric withstanding voltage	4000	Veff mini
Insulation resistance	10000	M Ω 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	3500	N.cm
Panel nut	NA	N.cm
Clamp nut	2500	N.cm
A/F clamp nut	32,0000	mm

Mating life	100	Cycles mini
Weight	158,5000	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	26,0	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended

LCF 7/8» Cu2Y

LDF5-50A-7/8»

M 1474 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	500	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

Watertightness:IP67

*0-2.5GHz

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STRAIGHT PLUG EZ FIT TYPE

7/8" FLEXIBLE CORRUGATED CABLE

R185A.033.020

Series : ECO 7/16

Installation Instructions

Instruction de câblage

DIN 7/16, N Connectors for 7/8" Flexible Cable

Connecteurs DIN 7/16, N pour câble flexible 7/8"

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



3



Cut on the top of corrugation

Couper au sommet de l'anneau

4



Put O-ring onto the cable

Mettre le joint sur le câble

5



6



Push clamping nut fully onto the
cable

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STRAIGHT PLUG EZ FIT TYPE

7/8" FLEXIBLE CORRUGATED CABLE

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Series : ECO 7/16

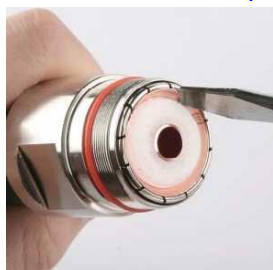
Installation Instructions

Instruction de câblage

DIN 7/16, N Connectors for 7/8" Flexible Cable

Connecteurs DIN 7/16, N pour câble flexible 7/8"

7



Flare the outer conductor with tip of screw driver or flaring tool

Evaser le conducteur extérieur avec un tournevis ou outillage à chanfreiner.

8



Scrape glitch on the inner conductor

Chanfreiner le conducteur

9



Remove all the particles

Enlever toutes les particules

10



Be sure the outer conductor is round and undistorted

Vérifier que le conducteur extérieur est cylindrique et non déformé.

11



Screw the front body onto the clamping nut

Visser le corps avant du connecteur sur l'écrou de serrage

12



Hold the front body fixed and rotate only the clamping nut with wrenches. Recommended torque is 30Nm

A l'aide de clés, maintenir la partie avant et serrer la partie arrière avec les clés. Couple de serrage recommandé = 30Nm

13



Finish installation

Installation terminée

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

Note: Nous déclinons toute responsabilité quant aux résultats d'une utilisation inadaptée ou mise en œuvre dangereuse, contrôle, maintenance ou assemblage inadapté.

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