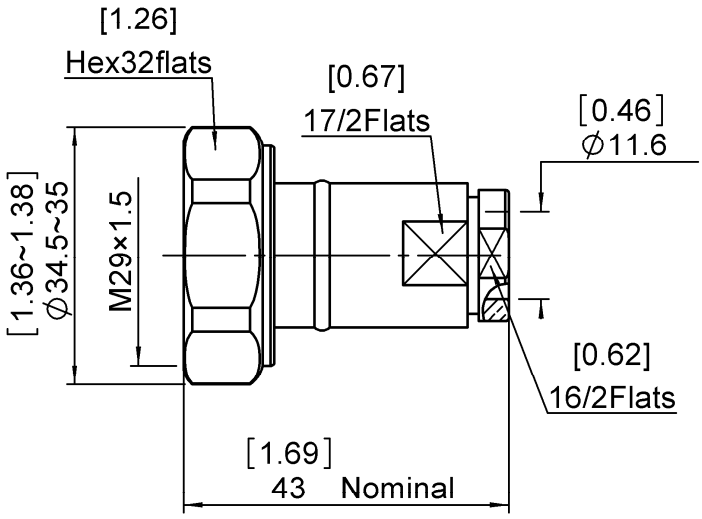
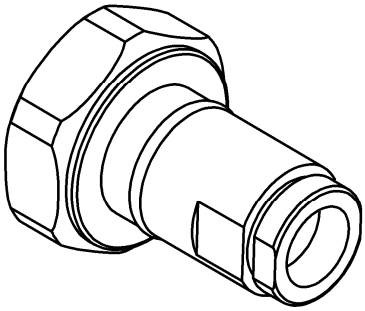
STRAIGHT PLUG CLAMP TYPE

CABLE 10+11/50

R185A.010.000

Series : **ECO 7/16**





All dimensions are in mm.

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

Issue : 0940 B

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

RADIALL

STRAIGHT PLUG CLAMP TYPE

CABLE 10+11/50

R185A.010.000

Series : **ECO 7/16**

PACKAGING

Standard	Unit	Other
20	**'W' option**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-3**	GHz
VSWR	**1.1 +**	**0.0000**	x F(GHz) Maxi
Insertion loss		**0.05**	√F(GHz) dB Maxi
RF leakage	- (	**NA**	- F(GHz)) dB Maxi
Voltage rating		**1400**	Veff Maxi
Dielectric withstanding voltage		**2700**	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	**3500**	N.cm
Panel nut	**NA**	N.cm
Clamp nut	**800**	N.cm
A/F clamp nut	**16.0000**	mm

Mating life	**100**	Cycles mini
Weight	**86.7000**	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	5.50	7.50	0.00	0.00	0~0.2	0.00

Assembly instruction**:**

Recommended cable(s)
RG 214
RG 225
KX 13
RG 213
KX 4
ECO 393

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

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

Issue : 0940 B

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

RADIALL

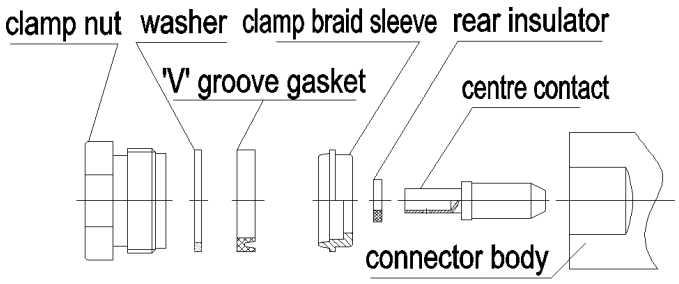
STRAIGHT PLUG CLAMP TYPE

CABLE 10+11/50

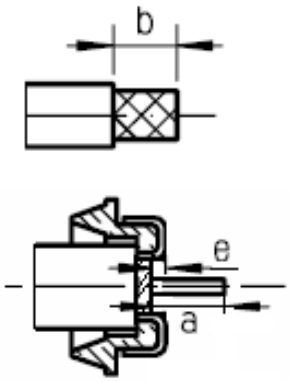
R185A.010.000

Series : **ECO 7/16**

COMPONENTS

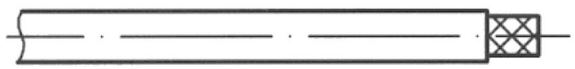


STRIPPING DIMENSIONS



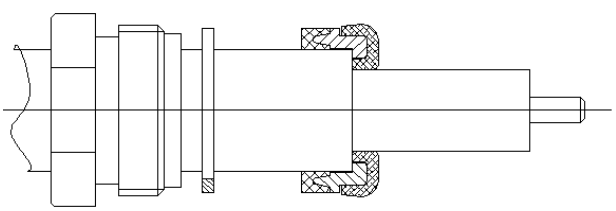
1

- Strip the cable.



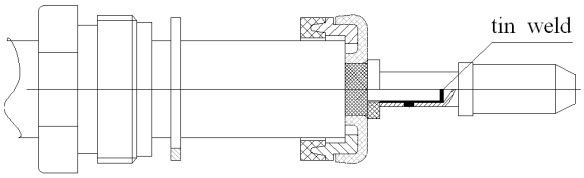
2

- Slide the clamp nut, washer and the 'V' groove gasket onto the cable.
- Slide clamp braid sleeve over braid.
- Fold back braid and trim off surplus braid.
- Trim back dielectric as shown.



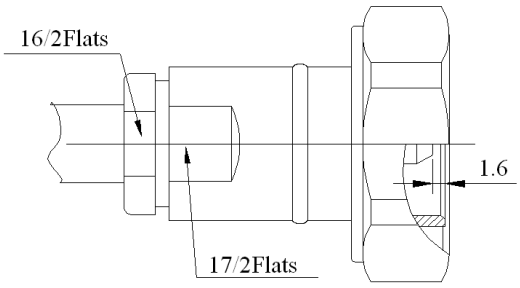
3

- Slide rear insulator onto the cable inner conductor.
- Solder the cable inner conductor into center pin.



4

- Screw sub-assembly into the connector body. (Recommended coupling torque 800N.cm Max.)



Issue : 0940 B

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

RADIALL