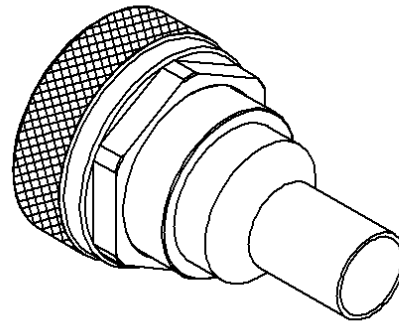
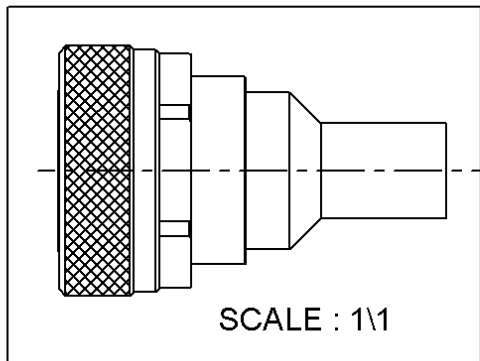
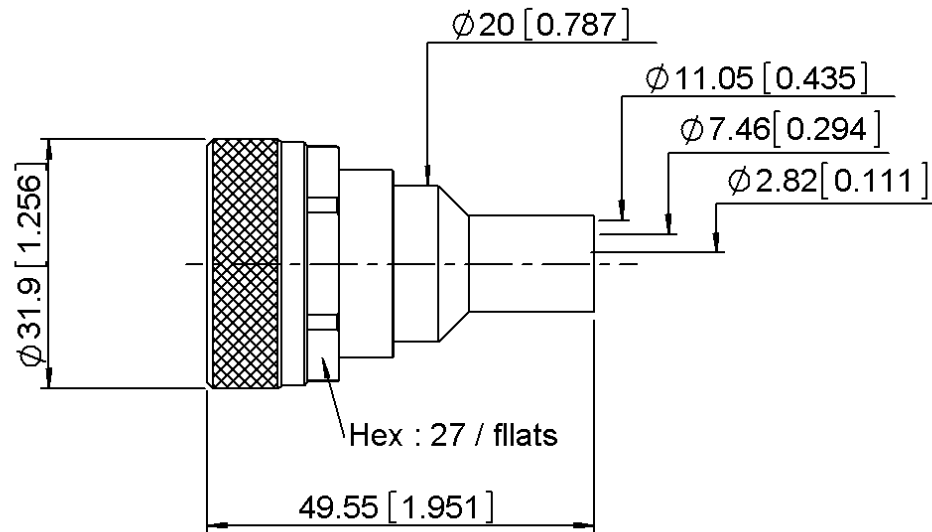


STRAIGHT PLUG CRIMP TYPE

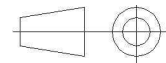
CABLE 10.3/50S

R185.085.007

Series : 7-16



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	BRASS.	BBR2
CENTER CONTACT	BERYLLIUM COPPER ; BRONZE	SILVER 5 OVER COPPER 0.5
OUTER CONTACT	BRASS.	SILVER 5 OVER COPPER 0.5
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS.	BBR2
-	-	-
-	-	-

Issue : 1307 B

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

RADIAL R

STRAIGHT PLUG CRIMP TYPE**CABLE 10.3/50S****R185.085.007**

Series : 7-16

PACKAGING

Standard	Unit	Other
20	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-7.5	GHz
VSWR	TBD + 0,0000	x F(GHz) Maxi
Insertion loss	TBD	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (95	- F(GHz)) dB Maxi
Voltage rating	1400	Veff Maxi
Dielectric withstanding voltage	2700	Veff mini
Insulation resistance	10000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	200	N mini
Axial force – Opposite end	200	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	3000	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0,0000	mm

Mating life	500	Cycles mini
Weight	98,2000	g

ENVIRONMENTAL

Operating temperature	-55/+155	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	4,50	7,50	12,0	0,00	7,50	0,00

Assembly instruction : **Crimp 01**

Recommended cable(s)

LMR 400 FR

LMR 400

AEP-400FR

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
.	.	.
R282.231.000	CRIMPING TOOL	10.54
R282.235.116	CRIMPING DIES	
R282.293.000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

Issue : 1307 B

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



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