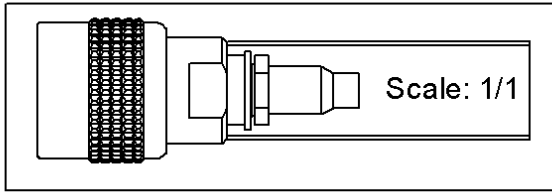
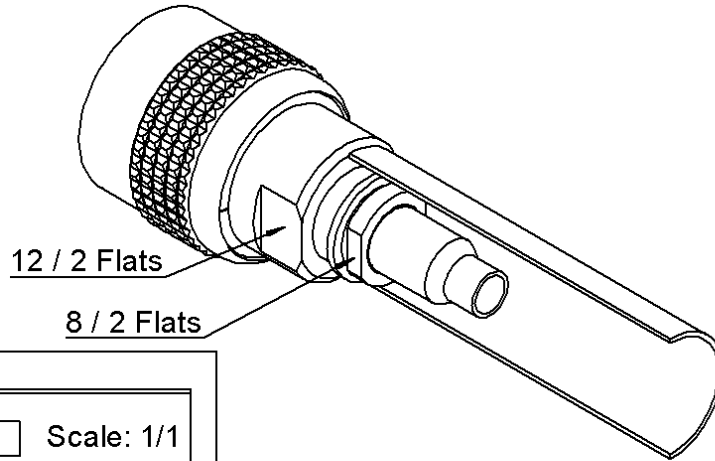
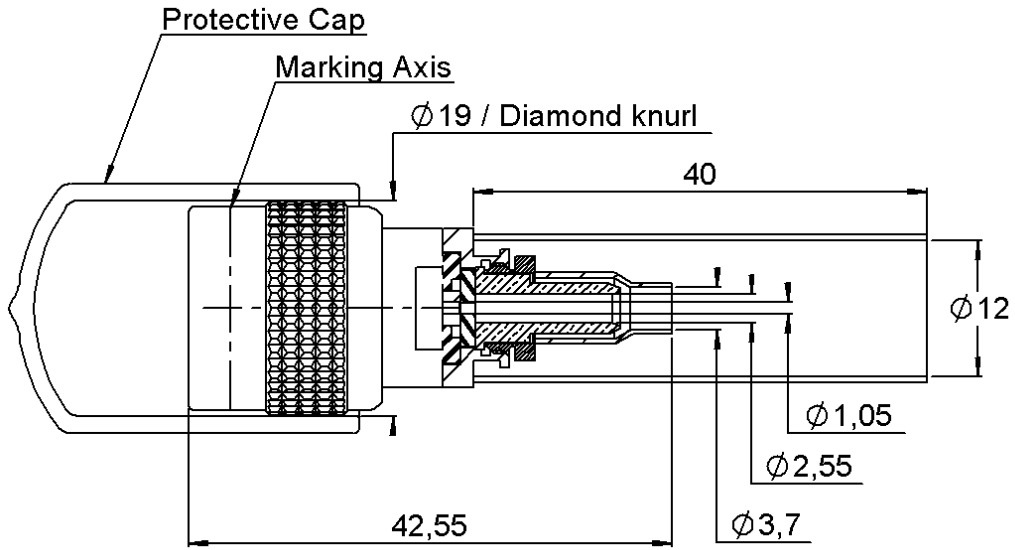


STRAIGHT PLUG CRIMP TYPE

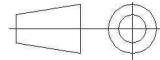
R166.088.100

CABLE 3.6/50S

Series : C



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	BRASS	NICKEL 2
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	BRONZE	NICKEL 2
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	NICKEL 2
-	-	-
-	-	-

Issue : 1406 B

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STRAIGHT PLUG CRIMP TYPE

R166.088.100

CABLE 3.6/50S

Series : C

PACKAGING

Standard	Unit	Other
1	-	Contact us

SPECIFICATION

ASN-E0463 F05
EN4652-420-D50 - -

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-11 GHz
VSWR	*1.15 +	0,0000 x F(GHz) Maxi
Insertion loss		*0.1 √F(GHz) dB Maxi
RF leakage	- (*30 - F(GHz)) dB Maxi
Voltage rating		1000 Veff Maxi
Dielectric withstanding voltage		1500 Veff mini
Insulation resistance		5000 MΩ mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	9,00	9,00	23,0	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
EN 4604-003 (WZ)

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

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	27	N mini
Axial force – Opposite end	27	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	370	N.cm
A/F clamp nut	8,0000	mm

Mating life	500	Cycles mini
Weight	31,3700	g

TOOLING

Part Number	Description	Hexagon
282997	POSITIONER FOR TOOL 282.291(M22520/1-13)	Red position
282291	CRIMPING TOOL M22520/1-01	2x4 (pos 7)
R282293000	CRIMPING TOOL M22520/5-01	
R282223000	CRIMPING TOOL	5.41
R282246000	CRIMPING DIES M22520/5-05	5.41

ENVIRONMENTAL

Operating temperature	-65/+165	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHER CHARACTERISTICS

*DC - 6 GHz

Issue : 1406 **B**

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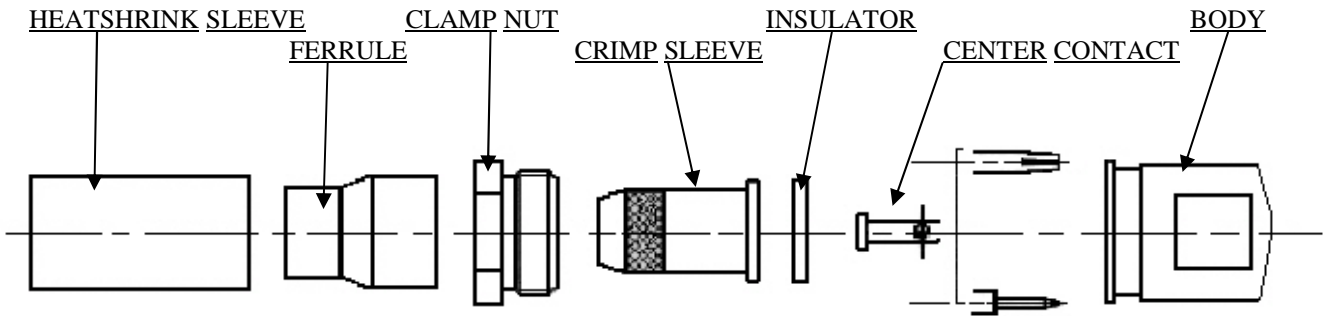
STRAIGHT PLUG CRIMP TYPE

R166.088.100

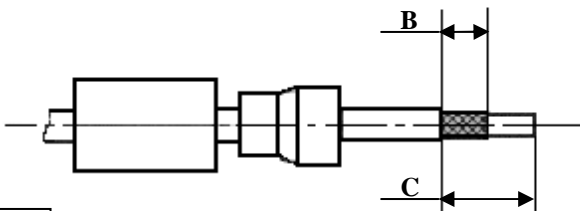
CABLE 3.6/50S

Series : C

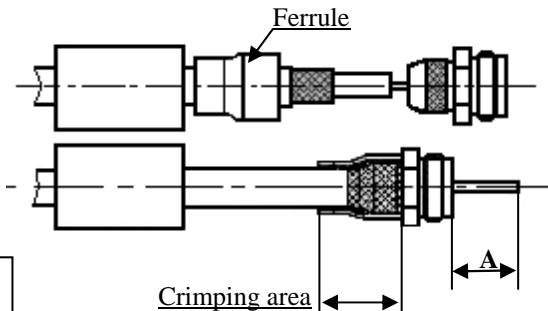
COMPONENTS



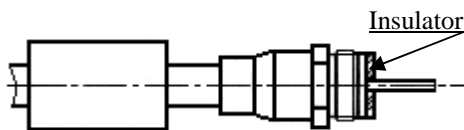
1 Slide onto the cable the heatshrink and the ferrule. Strip the cable.



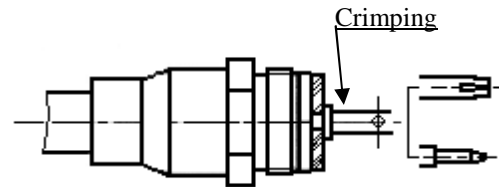
2 Slide the clamp nut onto the crimp sleeve. Slide sub-assembly under the braid (do not cut the foil). Slide ferrule over the braid against clamp nut. (In direction F) Crimp the ferrule with crimping tool + dies



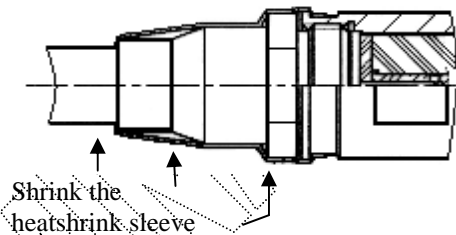
3 Cut the dielectric flush to crimp sleeve. Mount insulator against crimp sleeve.



4 Slide the center contact onto the cable inner conductor against insulator. Crimp center contact with the crimping tool and the positioner.



5 Screw sub-assembly into the connector body. (recommended coupling see the connector TDS) Slide sleeve over ferrule and heatshrink sleeve in the place.



Issue : 1406

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