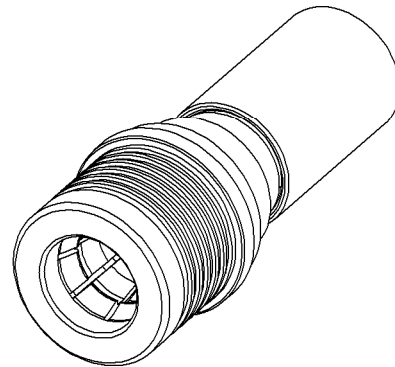
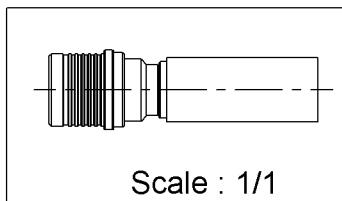
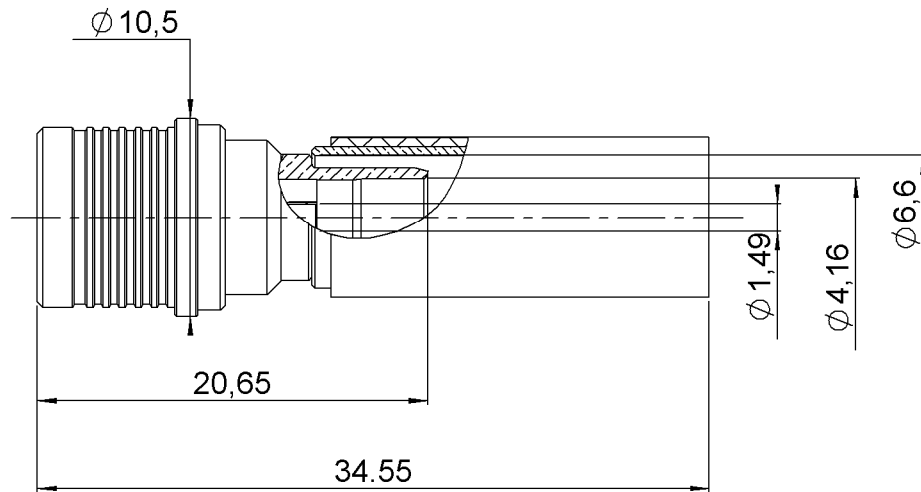


STRAIGHT PLUG CRIMP TYPE

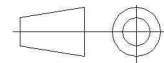
CABLE 6/50 D

R123W.096.100

Series : WQMA



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	BBR2
CENTER CONTACT	BRASS	NPGR
OUTER CONTACT	BRASS	BBR2
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	BBR2
-	-	-
-	-	-

Issue : 0950 A

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 6/50 D

R123W.096.100

Series : WQMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.02 + 0,0200	x F(GHz) Maxi
Insertion loss	0.05	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (***80)	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	18 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	NA N.cm
A/F clamp nut	0,0000 mm

Mating life	100 Cycles mini
Weight	6,2200 g

ENVIRONMENTAL

Operating temperature	-40/+105 °C
Hermetic seal	Atm.cm3/s
Panel leakage	

SPECIFICATIONCABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2,00	5,90	7,90	0,00	5,90	0,00

Assembly instruction :

Recommended cable(s)
ECO 230

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	170 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.223.000	CRIMPING TOOL	6.48
R282.235.013	CRIMPING DIES	6.48
R282.293.000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

*Interface ingress protection :
IP68(IEC60529) mated condition
**Intermod.: -120dBc at 1.8GHz (2 x 20W)
***RF Leakage(interface): $3 < F < 6\text{GHz} > 70\text{dB}$

Issue : 0950 A

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

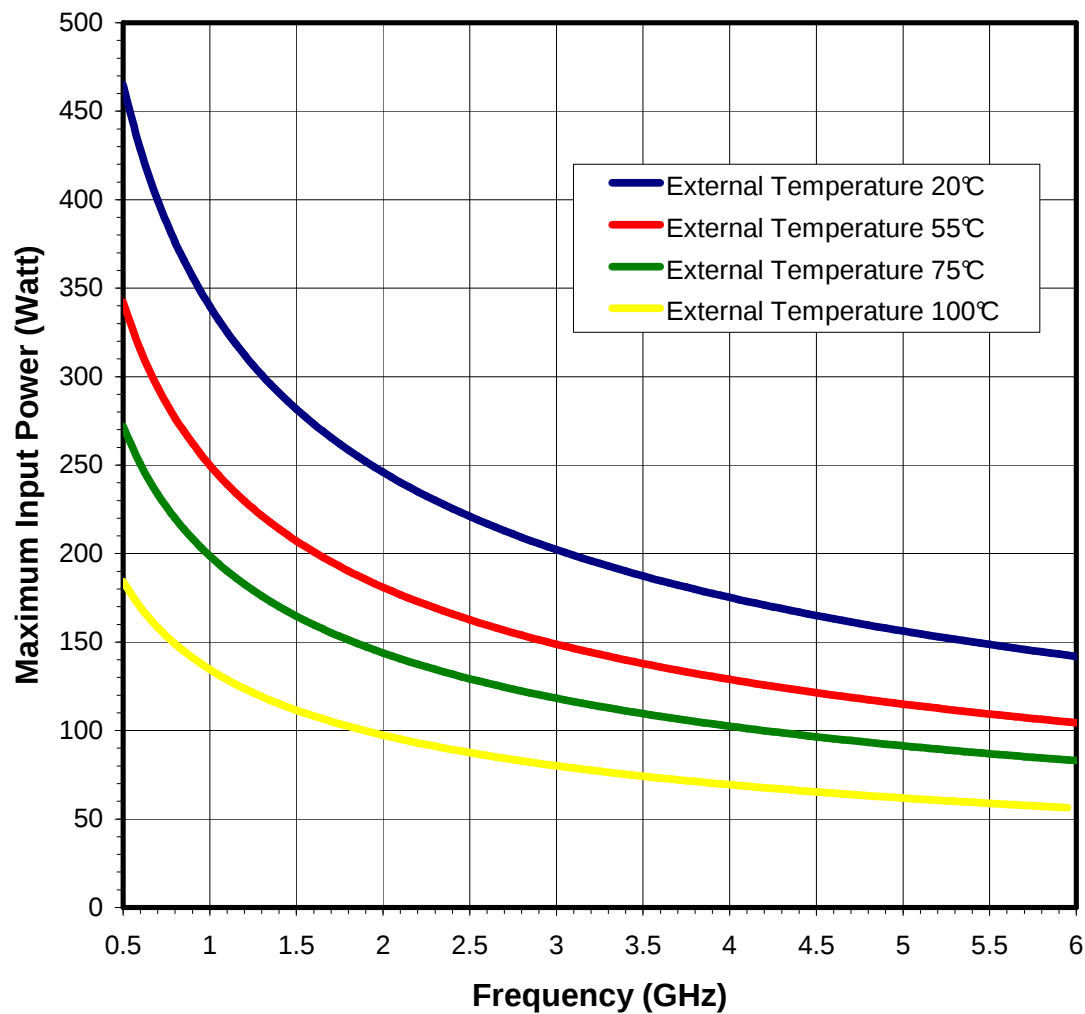


STRAIGHT PLUG CRIMP TYPE

R123W.096.100

CABLE 6/50 D

Series : WQMA

POWER DERATING

Issue : 0950 A

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

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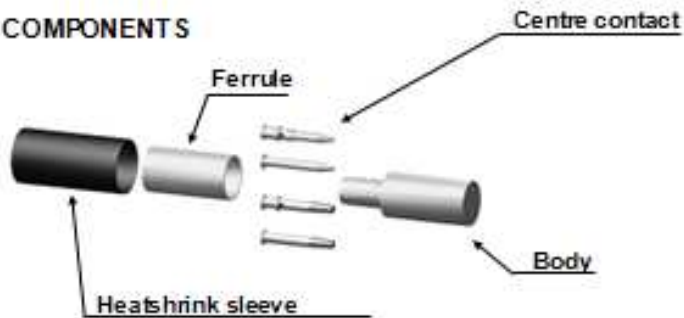
STRAIGHT PLUG CRIMP TYPE

CABLE 6/50 D

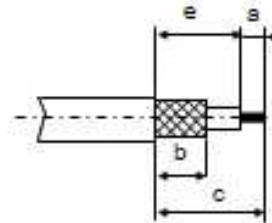
R123W.096.100

Series : WQMA

COMPONENTS



STRIPPING DIMENSIONS



1

Slide the heatshrink sleeve onto the cable.
Slide the ferrule onto the cable.
Strip the cable.



4

Slide the cable into the body until it bottoms against the insulator.



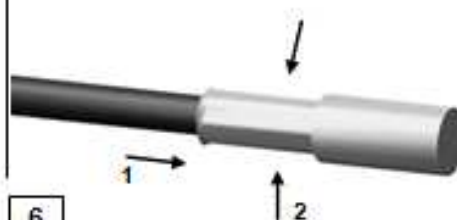
2

Slide the centre contact on until it bottoms against the cable dielectric.
Solder the centre contact.
Clean solder area.



5

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS).
Cut the excess of braid if necessary.



3

Fan the braid.



6

Slide the heatshrink sleeve over the ferrule and over the back of the body. Use if possible a pistol warm air.
(Recommended temperature: 250 at 300°C)
Uniform heating on all the surface of the heatshrink sleeve.



Issue : 0950 A

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