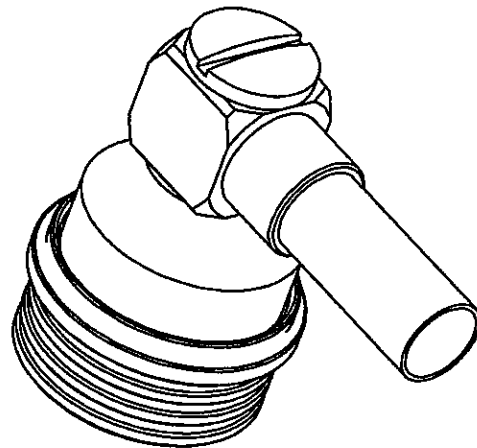
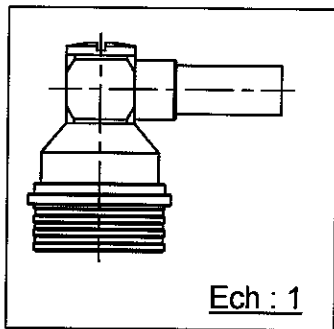
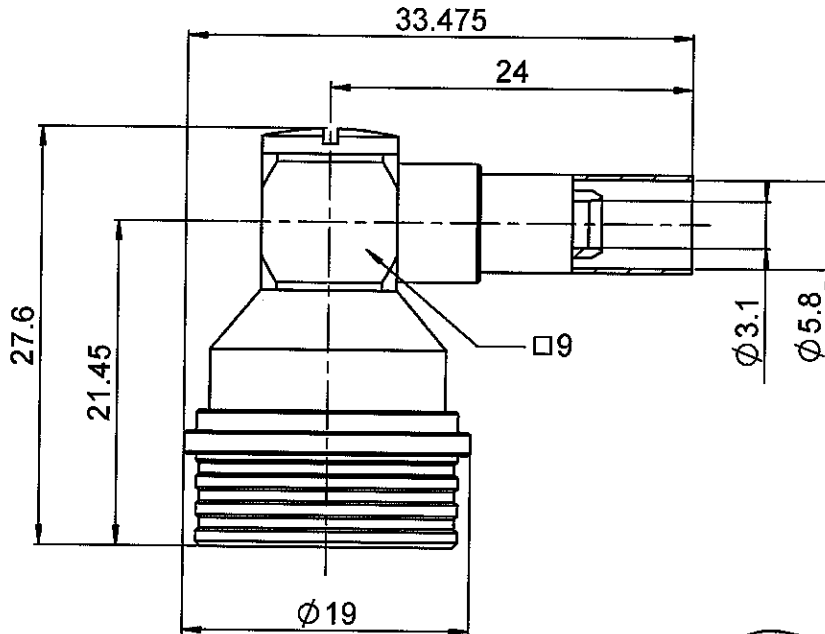


**RIGHT ANGLE PLUG CRIMP TYPE**

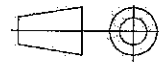
**R164.176.000**

**CABLE 5/50 D**

Series : QN



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	BBR 0.5 OVER SILVER 3
CENTER CONTACT	BRASS	SILVER 5 PASSIVATED OVER COPPER 0.5
OUTER CONTACT	BERYLLIUM COPPER	GOLD 0.3 OVER CHEMICAL NICKEL
INSULATOR	PTFE	
GASKET	EPDM	
OTHERS PARTS	BRASS	BBR 2
-	-	-
-	-	-

Issue : 0505 D

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



**RIGHT ANGLE PLUG CRIMP TYPE**

**R164.176.000**

**CABLE 5/50 D**

Series : QN

**PACKAGING**

Standard	Unit	Other
50	'W' option	Contact us

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		50 Ω
Frequency		0-6* GHz
VSWR	1.05 +	0.025 x F(GHz) Maxi
Insertion loss		0.048 √F(GHz) dB Maxi
RF leakage	-(	** - F(GHz)) dB Maxi
Voltage rating		850 Veff Maxi
Dielectric withstanding voltage		1500 Veff mini
Insulation resistance		5000 MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2.50	8.00	20.0	0.00	17.5	0.00

Assembly instruction : **Crimp 07**

Recommended cable(s)  
 RG 142  
 KX 23  
 RG 142 FTX  
 RG 400  
 RG 223

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 **200 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	NA N.cm
A/F clamp nut	0.000 mm

Mating life	100 Cycles mini
Weight	20.900 g

**TOOLING**

Part Number	Description	Hexagon
R282.223.000	CRIMPING TOOL	5.41
R282.235.011	CRIMPING DIES	5.41
R282.293.000	CRIMPING TOOL	-

**ENVIRONMENTAL**

Operating temperature	-55/+125 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

**OTHER CHARACTERISTICS**

\* usable 0-11GHz  
 \*\* Connector only: -90dB min DC<F<3GHz  
 \*\*\*PIM3: -112 dbm (2 x 20W at 1.8GHz)

Issue : 0505 D

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

