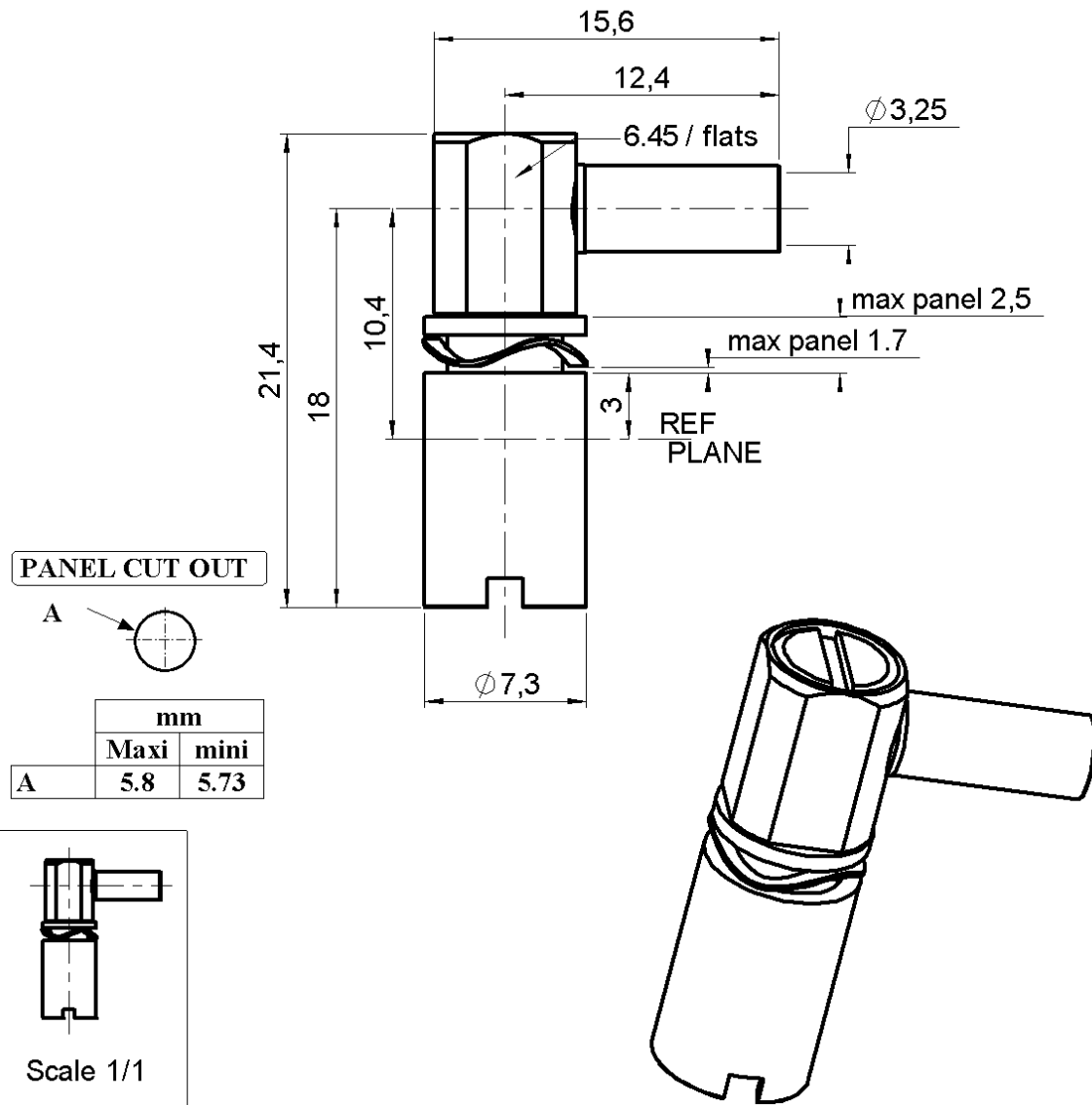


**FLOATING RIGHT ANGLE PLUG CRIMP TYPE**

**R120.177.000**

**CABLE L910/22**

Series : **T1.0-2.3**



All dimensions are in mm.



| COMPONENTS     | MATERIALS        | PLATINGS (µm)          |
|----------------|------------------|------------------------|
| BODY           | BRASS            | NICKEL 2               |
| CENTER CONTACT | BRASS            | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT  | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |
| INSULATOR      | PTFE             |                        |
| GASKET         | -                |                        |
| OTHERS PARTS   | BRASS            | NICKEL 2               |
| -              | -                | -                      |
| -              | -                | -                      |

Issue : 0048 B

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**FLOATING RIGHT ANGLE PLUG CRIMP TYPE**

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**CABLE L910/22**

Series : **T1.0-2.3**

**PACKAGING**

| Standard   | Unit              | Other             |
|------------|-------------------|-------------------|
| <b>100</b> | <b>'W' option</b> | <b>Contact us</b> |

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

|                                 |               |              |                          |
|---------------------------------|---------------|--------------|--------------------------|
| Impedance                       |               | <b>50</b>    | $\Omega$                 |
| Frequency                       |               | <b>0-4</b>   | GHz                      |
| VSWR                            | <b>1.35</b> + | <b>0.000</b> | x F(GHz) Maxi            |
| Insertion loss                  |               | <b>NA</b>    | $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - (           | <b>NA</b>    | - F(GHz)) dB Maxi        |
| Voltage rating                  |               | <b>250</b>   | Veff Maxi                |
| Dielectric withstanding voltage |               | <b>750</b>   | Veff mini                |
| Insulation resistance           |               | <b>5000</b>  | M $\Omega$ mini          |

**CABLE ASSEMBLY**

| Stripping | a    | b    | c    | d    | e    | f    |
|-----------|------|------|------|------|------|------|
| mm        | 2.00 | 6.00 | 11.0 | 0.00 | 9.00 | 0.00 |

Assembly instruction :

Recommended cable(s)

RG 179  
RG 187  
RG 174  
RG 174 FTX  
KX 22A  
RG 316  
RG 188  
L910/22

Cable retention

- pull off **40** N mini  
- torque **NA** N.cm

**MECHANICAL CHARACTERISTICS**

|                            |  |           |           |
|----------------------------|--|-----------|-----------|
| Center contact retention   |  |           |           |
| Axial force – Mating end   |  | <b>30</b> | N mini    |
| Axial force – Opposite end |  | <b>30</b> | N mini    |
| Torque                     |  | <b>NA</b> | N.cm mini |

**TOOLING**

| Part Number  | Description   | Hexagon |
|--------------|---------------|---------|
| .            | .             | .       |
| R282.293.000 | CRIMPING TOOL | -       |
| R282.211.000 | CRIMPING TOOL | 3.25    |
| R282.235.003 | CRIMPING DIES | 3.25    |

|                    |  |              |      |
|--------------------|--|--------------|------|
| Recommended torque |  |              |      |
| Mating             |  | <b>NA</b>    | N.cm |
| Panel nut          |  | <b>NA</b>    | N.cm |
| Clamp nut          |  | <b>NA</b>    | N.cm |
| A/F clamp nut      |  | <b>0.000</b> | mm   |

|             |  |              |             |
|-------------|--|--------------|-------------|
| Mating life |  | <b>500</b>   | Cycles mini |
| Weight      |  | <b>0.000</b> | g           |

**OTHERS CHARACTERISTICS**

**ENVIRONMENTAL**

|                       |  |                 |              |
|-----------------------|--|-----------------|--------------|
| Operating temperature |  | <b>-55/+155</b> | $^{\circ}$ C |
| Hermetic seal         |  | <b>NA</b>       | Atm.cm3/s    |
| Panel leakage         |  | <b>NA</b>       |              |

Issue : **0048 B**

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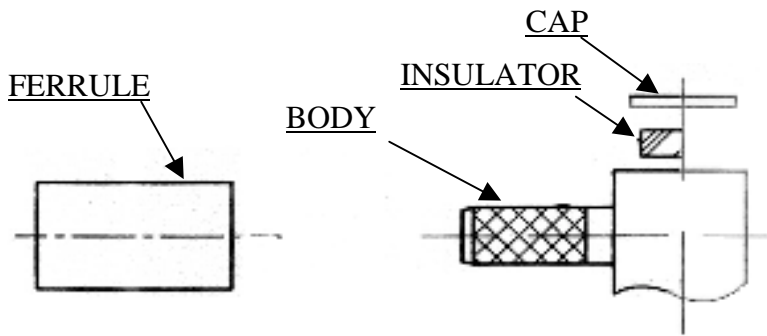
FLOATING RIGHT ANGLE PLUG CRIMP TYPE

**R120.177.000**

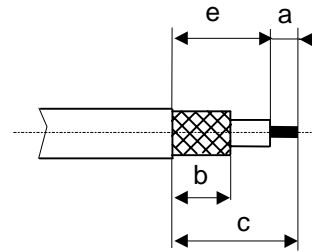
CABLE L910/22

Series : T1.0-2.3

COMPONENTS

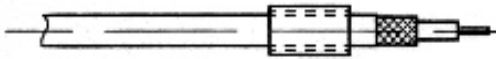


STRIPPING DIMENSIONS



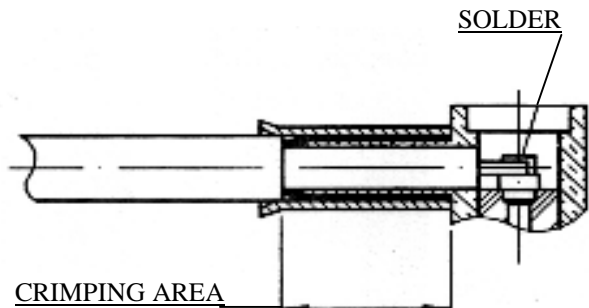
1

- Slide the ferrule onto the cable.
- Strip the cable .



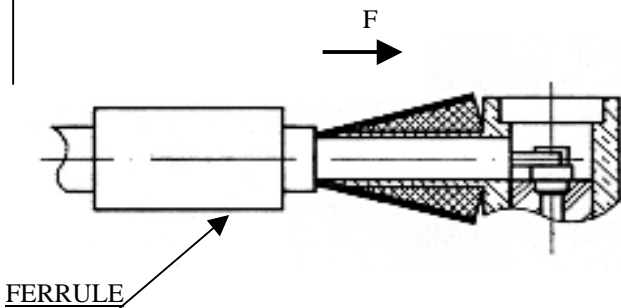
3

- Crimp the ferrule with crimping tool .
- Solder inner conductor.



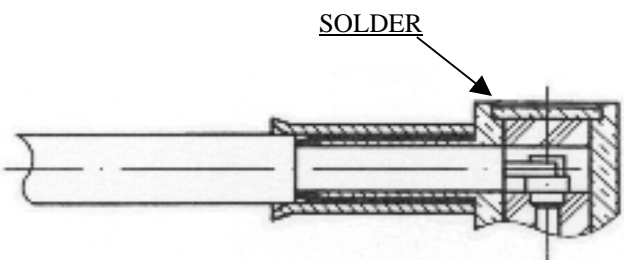
2

- Fan the braid.
- Push connector body under the braid.
- Slide the ferrule on the braid (in direction F)



4

- Place insulator into body.
- Place and solder the cap.



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