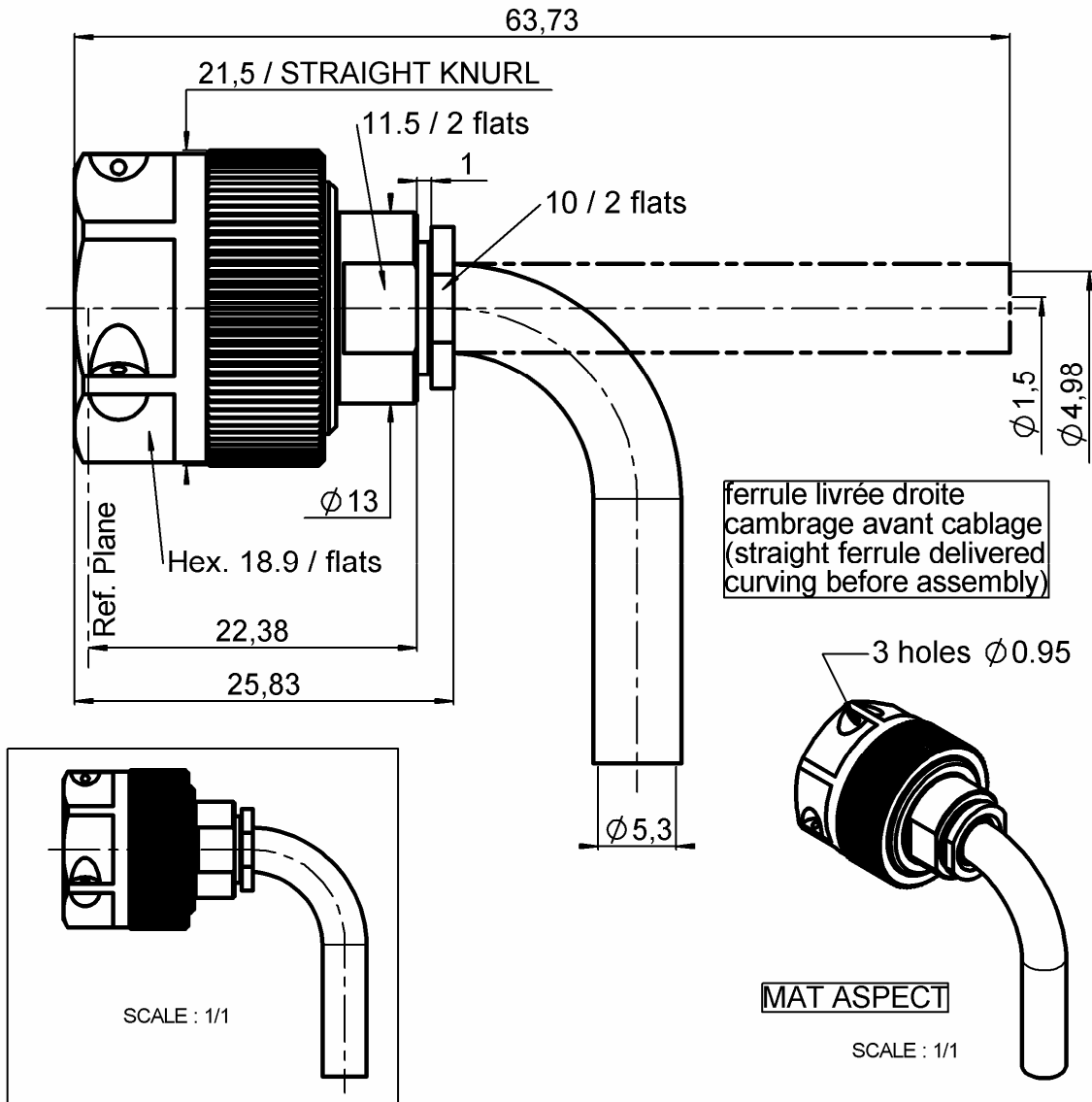


CURVED PLUG SOLDER TYPE

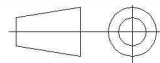
R163.065.L01

CABLE SHF5/5M

Series : N-18



All dimensions are in mm.



| COMPONENTS | MATERIALS | PLATING (µm) |
|----------------|--------------------------|------------------------|
| BODY | STAINLESS STEEL (316L) | PASSIVATED . |
| CENTER CONTACT | BRASS | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT | - | - |
| INSULATOR | PTFE | - |
| GASKET | FLUROSILICON | - |
| OTHERS PARTS | ST. STEEL (316L) , BRASS | GOLD , PASSIVATED |
| - | - | - |
| - | - | - |

Issue : 0610 A

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



CURVED PLUG SOLDER TYPE

R163.065.L01

CABLE SHF5/5M

Series : N-18

PACKAGING

| Standard | Unit | Other |
|----------|------|-------------------|
| 1 | - | Contact us |

SPECIFICATION

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|---------------|-----------------------------|
| Impedance | | 50 Ω |
| Frequency | | 0-18 GHz |
| VSWR | 1.15 + | 0,0000 x F(GHz) Maxi |
| Insertion loss | | 0.1 √F(GHz) dB Maxi |
| RF leakage | - (| 90 - F(GHz)) dB Maxi |
| Voltage rating | | 500 Veff Maxi |
| Dielectric withstanding voltage | | 1500 Veff mini |
| Insulation resistance | | 5000 MΩ mini |

CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|-----------|------|------|------|------|------|------|
| mm | 20,0 | 3,50 | 0,00 | 0,00 | 0,00 | 0,00 |

Assembly instruction :

Recommended cable(s)
SHF 5M
SHF 5

MECHANICAL CHARACTERISTICS

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

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 | | * N mini |
| - torque | | N.cm |

TOOLING

| | | |
|--------------------|---------------|------|
| Recommended torque | | |
| Mating | 400 | N.cm |
| Panel nut | NA | N.cm |
| Clamp nut | 350 | N.cm |
| A/F clamp nut | 10,000 | mm |

| Part Number | Description | Hexagon |
|-------------|-------------|---------|
| . | . | . |

OTHER CHARACTERISTICS

| | | |
|-------------|----------------|-------------|
| Mating life | 500 | Cycles mini |
| Weight | 35,9200 | g |

*See the TDS of the cable assembly

ENVIRONMENTAL

| | | |
|-----------------------|-----------------|-----------|
| Operating temperature | -65/+165 | °C |
| Hermetic seal | NA | Atm.cm3/s |
| Panel leakage | IP67 | |

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