

Product Female cable connector, moulded, shieldable
Area M9 connectors IP 67

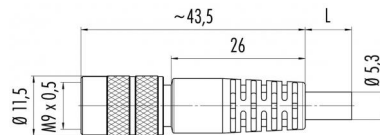
serie 702

Pole 2
Article number 79 1402 12 02

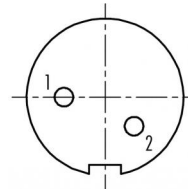
illustration



scale drawing

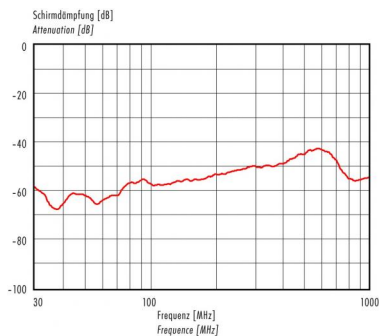


Contact Arrangement



1 weiß/white
2 braun/brown

Attenuation characteristic



Technical data

Common values

| | |
|--------------------------|------------------------|
| Connector Design | Female cable connector |
| Connector locking system | Screw |
| Termination | moulded on cable |
| Wire gauge (mm) | 0,25 mm ² |
| Wire gauge (AWG) | 24 |
| Cable outlet | - |
| Upper temperature | +70 °C |
| Lower temperature | -25 °C |

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 125 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | I |
| Overvoltage category | II |
| Material group | III |
| Rated current (40°C) | 4 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | shielded |
| Degree of protection | IP 67 |
| Mechanical operation | >500 mating cycles |

Material

| | |
|--------------------------|-----------------|
| Material of contact | CuSn (bronze) |
| Contact plating | Au (gold) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | PUR |

Cable data

| | |
|------------------------------|---------------|
| material housing | PUR |
| insulation single lead | PVC |
| single lead structure | 1.4 x 0,15 mm |
| cable sheath Ø | 5.3 |
| conductor resistance | 75Ω/Km |
| bending radius cable fixed | Min. 53 mm |
| bending radius cable movable | Min. 80 mm |
| cable diameter | 5.3 |

Contacts 2, Female cable connector, moulded, shielded, Cable length 2 m

