

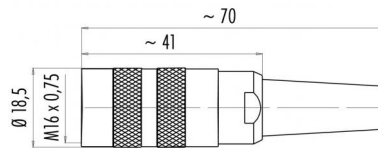
Product Female cable connector with cable clamp, cable outlet 6 - 8 mm  
Area M16 connectors IP 40 serie 581

Pole 6 DIN  
Article number 99 2022 29 06

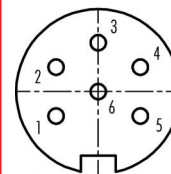
illustration



scale drawing

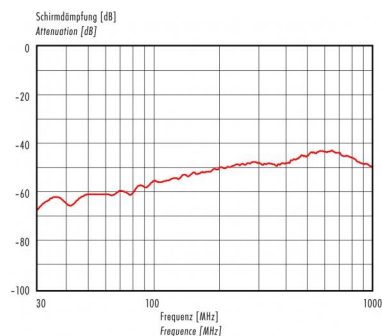


Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | -3,03 | -1,75 |
| 2 | -3,03 | 1,75  |
| 3 | 0,00  | 3,50  |
| 4 | 3,03  | 1,75  |
| 5 | 3,03  | -1,75 |
| 6 | 0,00  | 0,00  |

Attenuation characteristic



You can find the item description on the next page.

Technical data

Common values

|                          |                        |
|--------------------------|------------------------|
| Connector Design         | Female cable connector |
| Connector locking system | Screw                  |
| Termination              | solder                 |
| Wire gauge (mm)          | 0,75 mm <sup>2</sup>   |
| Wire gauge (AWG)         | 20                     |
| Cable outlet             | 6 - 7,8 mm             |
| Upper temperature        | +85 °C                 |
| Lower temperature        | -40 °C                 |

Material

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

Cable data

Contacts 6 DIN, female cable connector with cable clamp, shieldable, cable outlet 6 - 8 mm, gold plated contacts

Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 250 V              |
| Rated impulse voltage | 1500 V             |
| Pollution degree      | I                  |
| Overvoltage category  | I                  |
| Material group        | III                |
| Rated current (40°C)  | 5 A                |
| Volume resistivity    | ≤ 3 mΩ             |
| EMV compliance        | shielded           |
| Degree of protection  | IP 40              |
| Mechanical operation  | >500 mating cycles |



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Item description

