


| | | | |
|------------------------------|--|----------------|---|
| Item no. | 99909904 | Connector type | FM-MINI-TD QM 4.5 W/O O-RING |
| | | For cable | Triax, KOKA 50 PVC |
| Frequency Range | 0.3 - 3000 MHz | Product photo |  |
| Impedance (Nom.) | 75 Ohm | | |
| Amp. Rating (measured) | 7.0 A @10°C increase | | |
| (calculated) | 9.8 A @20°C increase | | |
| Transfer Impedance (CoMeT) | Class C | | |
| | <50 mΩ/m @ 5-30MHz | | |
| | <1.40 mΩ/item @ 5-30MHz | | |
| Screening Attenuation(CoMeT) | Class C | | |
| | >75 dB @ 30-1000MHz | | |
| | >65 dB @ 1000-2000MHz | | |
| | >55 dB @ 2000-3000MHz | | |
| Return Loss (IEC 61169-1) | Better than | Typical | Insertion Loss Max. |
| 0.3 - 500 MHz | -30 dB | -35.3 dB | 0.3 - 500 MHz |
| 500 - 860 MHz | -30 dB | -34.6 dB | 500 - 860 MHz |
| 860 - 1000 MHz | -28 dB | -34.1 dB | 860 - 1000 MHz |
| 1000 - 1750 MHz | -25 dB | -31.3 dB | 1000 - 1750 MHz |
| 1750 - 2150 MHz | -25 dB | -29.9 dB | 1750 - 2150 MHz |
| 2150 - 3000 MHz | -23 dB | -25.9 dB | 2150 - 3000 MHz |
| | | | |
| | | | |
| Temperature | | | Intermodulation |
| Installing | -5° to +50° C | | 3rd Order (@2x100mW) |
| Operating | -40° to +70° C | | IM3 |
| Storing | -40° to +70° C | | -90 dBc |
| | | | |
| | | | Inner Conductor Resistance |
| | | | (@ 1 A DC) |
| | | | <5.0 mΩ |
| | | | |
| | | | Insulation Resistance |
| Sealing Test | | | (@ 500 VDC) |
| (IEC IP-code) | | | >200 GΩ |
| | | | |
| | | | Dielectric Strength |
| O-rings | | | DC Test Voltage |
| | | | >2.0 KV |
| | | | |
| | | | Max. Tensile Strength |
| Base Material | | | Overall |
| Body Parts | Brass CuZn39Pb3 | | >15 Kgf |
| Inner Conductor | Beryllium copper | | >147 N |
| | | | |
| | | | Torsional Strength |
| Plating | | | (Connector / Cable) |
| Body Parts | Nitin-6 | | * NATM |
| Inner Conductor | Nitin-6 | | |
| | | | Test performed by |
| Insulators | POM | | Susanne Lindharth |
| | | | Date of release |
| | | | May 21, 2019 |
| Remarks | * Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip. | | |

Connector designed according to the standard IEC 61169-24 (type F)
 All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
 Further technical specifications and installation instructions can be obtained on request.