

order number: L00013A0014

RG-58C/U cable, 5000 mm: Both sides FME Jack



| Technical Attributes |                 |
|----------------------|-----------------|
| Cable group; cable   | RG-58C/U (50 Ω) |
| Length               | 5 m m           |

### Product description

The FME series is a miniature coax connector with screw coupling. The FME series can be used up to a frequency of 2 GHz. The impedance is controlled at 50 Ω. Connector styles are available for flexible and conformable cables. Solder and crimp techniques are used to terminate this series. Applications for the FME series are in the area of mobile communications, especially in vehicles due to their compact size and durability.

| Mechanical Characteristics  |                |
|-----------------------------|----------------|
| Durability (mating cycles)  | ≥ 500          |
| Disengagement               | ≥0.5 N         |
| Max. coupling torque        | 200 Ncm        |
| Material: spring contacts   | CuNi1Pb1P(C97) |
| Material: crimp ferrule     | Cu             |
| Material: other metal parts | CuZn39Pb3      |
| Material: insulators        | PP             |
| Finish: Inner conductor     | Cu2Ag5         |
| Finish: Other metal parts   | Cu2Ni5         |

| Climatic Characteristics                |           |
|---|-----------|
| Climatic category acc. to IEC 60068 - 1 | 55/085/21 |

| Electrical Characteristics         |                               |
|------------------------------------|-------------------------------|
| Contact resistance inner conductor | $\leq 10 \text{ m}\Omega$     |
| Contact resistance outer conductor | $\leq 5 \text{ m}\Omega$      |
| Insulation resistance              | $\geq 5 \text{ G}\Omega$      |
| Voltage proof                      | 1 kVeff/50 Hz                 |
| Impedance                          | 50 $\Omega$                   |
| Working voltage                    | $\leq 100 \text{ Veff/50 Hz}$ |
| Insertion loss                     | $\leq 0.2 \text{ dB/1.8 GHz}$ |
| Return loss                        | $\geq 20 \text{ dB/1.8 GHz}$  |
| Frequency range up to              | 2 GHz                         |