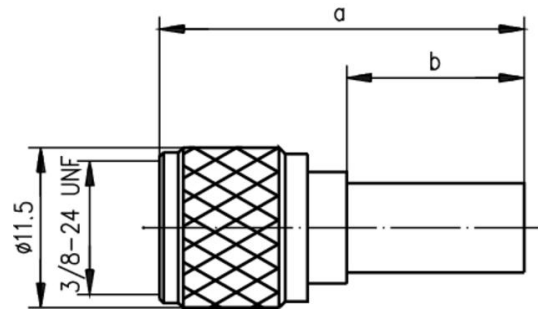


order number: J01045F0003

Mini UHF Straight Plug Crimp G7 (RG-316/U) crimp/crimp



Technical Attributes	
Cable group; cable	G7 (RG-316/U) RG-188A/U RG-174/U KX 3B RG-316/U KX 22A
Remarks	crimp/crimp
Dimensions	$a=23.8$, $b = 8.7$
Assembly	B1324
Crimp die	N01003A0023

Product description

The Mini-UHF series is a miniaturized version of the UHF connector, but has improved electrical performance. The Mini-UHF has threaded coupling and can be used up to a frequency of 2.5 GHz. Unlike the UHF, the Mini-UHF series is impedance 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 Mini-UHF series are in the area of mobile radios and mobile communications; especially in vehicles.

Mechanical Characteristics	
Material: spring contacts	CuSn6; CuZn39Pb3
Material: outer conductor	CuZn39Pb3
Material: other metal parts	CuZn39Pb3
Material: insulators	POM; PP

Finish: Inner conductor	Cu1Ni2Au0.8 resp. Cu2Ag5
Finish: Outer conductor	Cu2Ni5
Finish: Other metal parts	Cu2Ni5

Climatic Characteristics	
Climatic category acc. to IEC 60068 - 1	40/085/21

Electrical Characteristics	
Contact resistance inner conductor	$\leq 5 \text{ m}\Omega$
Contact resistance outer conductor	$\leq 2.5 \text{ m}\Omega$
Insulation resistance	$\geq 5 \text{ G}\Omega$
Voltage proof	1 kVeff/50 Hz
Impedance	50 Ω
Return loss	$\geq 20 \text{ dB}/2.5 \text{ GHz}$
Working voltage	$\leq 335 \text{ Veff}/50 \text{ Hz}$
Frequency range up to	2.5 GHz