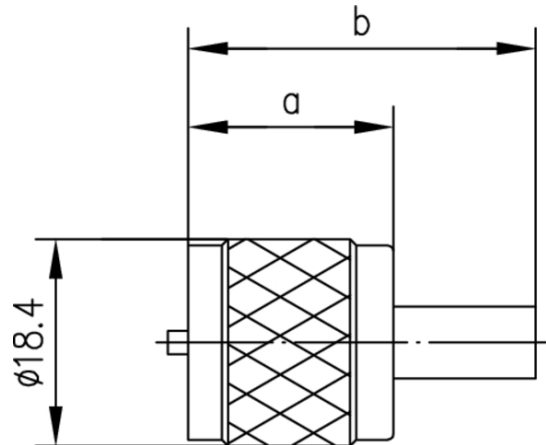


order number: J01040A0009

UHF Straight Plug Crimp G5 (RG-223/U) crimp/crimp



Technical Attributes	
Cable group; cable	G5 (RG-223/U) RG-400/U RG-223/U
Remarks	crimp/crimp
Dimensions	a=18.5, b=31.5
Assembly	B0605
Crimp die	N01003A0005
Z	Ω
MIL-Std.	
Mount. dim.	

Product description

The UHF series is a low cost, low frequency connector with a screw coupling. The maximum usable frequency is limited to 200 MHz, as the impedance of the connector is not controlled. Flexible cables up to 11 mm (0.433") in diameter can be used. Soldering and crimping techniques are used for terminating these connectors. Applications for the UHF connectors are for low-frequency communication equipment.

Mechanical Characteristics	
Material: contacts	CuZn39Pb3

Material: other metal parts	CuZn39Pb3
Material: insulators	PTFE; POM; ABS; PPE (Noryl)
Finish: Inner conductor	Cu2Ag5
Finish: Outer conductor	CuNi5
Finish: Other metal parts	CuNi5

Climatic Characteristics	
Climatic category acc. to IEC 60068 - 1	40/070/21

Electrical Characteristics	
Contact resistance inner conductor	$\leq 5 \text{ m}\Omega$
Contact resistance outer conductor	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 5 \text{ G}\Omega$
Voltage proof	2 kVeff/50 Hz
Impedance	circa 50 Ω
Working voltage	$\leq 750 \text{ Veff/50 Hz}$
Frequency range up to	200 MHz

Standards	
IEC 60 169-12	

Note

Combination connectors and cable clamps can be utilised to create a further number of UHF-connector variations.

RF cable assemblies with UHF connectors upon request.