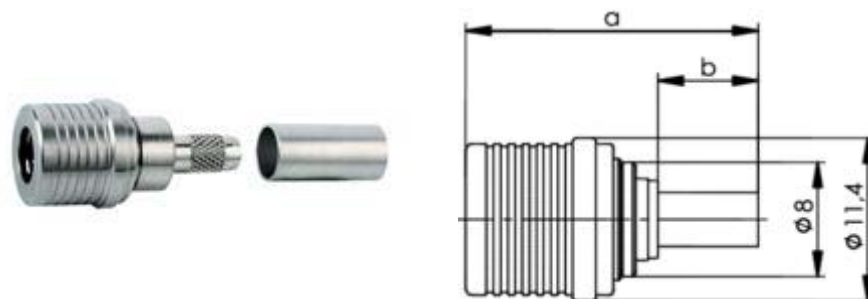


order number: J01420A0065



QLS Straight Plug Crimp G1 (RG-58C/U); Telealloy, solder/crimp

Technical Attributes

Cable group: cable

G1 (RG-58C/U)

Finish

Telealloy (white bronze)

Remarks

solder/crimp

Q	Dimensions	a=27.9; B=13
	Assembly	C4205
Q	Crimp die	N01001A0005
Q	further technical information	
Q C	Product description	
Q P	The series QLS® (Quick Lock Standard) is a secure and reliable alternative to standard SMA connectors. The patented locking mechanism of the QLS® series gives it the distinct advantage of allowing a time-saving connection without the need for any tooling. This locking mechanism also guarantees an extremely high butt contact force on the outer conductor, which is normally only achieved with a threaded coupling mechanism. This high contact force results in excellent coupling reliability, even under mechanical stress such as vibration or due to the attached cable being pulled. The QLS® connectors are 100% compatible with QMA connectors.	
S		
S		
S		
M		
M	Note	QLS® is a registered trademark of the partners of the QLS® alliance.
S	Mechanical Characteristics	
	Durability (mating cycles)	≥ 200
1	Insertion force	30 N typ.
	Disengagement	20 N typ.
7	Contact force	≥ 200 N
	Material: Outer conductor	CuZn39Pb3
R C	Material: Inner conductor	CuZn39Pb3
	Material: Spring contacts	CuBe2
R S	Material: Spring basket	
	Material: Insulators	PTFE
	Material: Crimp ferrule	Cu/CuZn39Pb3
F	Finish: Inner conductor	Cu1Ni2Au0.8
	Finish: Outer conductor	NiP-Au / CuSnZn3 (Telealloy)
I	Finish: Other metal parts	CuSnZn3 (Telealloy), stainless steel

Electrical Characteristics

Contact resistance inner conductor	$\leq 3 \text{ m}\Omega$
Contact resistance outer conductor	$\leq 2.5 \text{ m}\Omega$
Insulation resistance	$\geq 5 \text{ G}\Omega$
Voltage proof	1 K V_{eff} /50 Hz
Impedance	50 Ω
Working voltage	$\leq 500 \text{ V}_{\text{eff}}$ /50 Hz
Frequency range up to	6 GHz (18 GHz)

Climatic Characteristics

Climatic category acc. to IEC 60068 - 1	40/85/21
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