

SUMMARY



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Wires

Low	0
High	0
Coax	1
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	0S
Termination type	Male solder Coaxial
IP rating	50
Cable Ø	3.80 - 4.40 mm
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FLC*: Elbow (90°) plug with cable collet
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	8.26 g

Performance

Configuration	0S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

Contact Type:	Coaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1 mm (0.039in)
Vtest:	3000 V (AC), 4200 V (DC)

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Impedance: 50 Ohm

VSWR: $1.02 + 0.25 * f/\text{GHz}$

Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

Others

Endurance (Shell): 5000 mating cycles

Temp (min / max): $-55^{\circ}\text{C} / +250^{\circ}\text{C}$

Humidity (max): $\leq 95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >144 hr

IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	H	L	M
mm.	9.5	21.5	25.8	11.5
in.	0,37	0,85	1,02	0,45

RECOMMENDED BY LEMO

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Tools

None

Cables

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