

SUMMARY

Wires

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



Image is for illustrative purpose only

Download

[Request a quote](#)

[Catalog](#)

Series	1S
Termination type	Male solder Coaxial
IP rating	50
Cable Ø	2.20 - 3.20 mm
Status	active
Alternative part	
Matching parts	ERA.1S.275.CTL

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	18.40 g

Performance

Configuration	1S.275 : 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated Current	10 Amps

Specifications

Contact Type:	Coaxial 75 Ohm (Solder)
Contact Dia.:	1.3 mm (0.0512in)
Bucket Dia.:	1.1 mm (0.0432in)
Vtest:	2400 V (AC), 3300 V (DC)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Impedance: 75 Ohm

VSWR: $1.02 + 0.08 * f/\text{GHz}$

Cable type: RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

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)

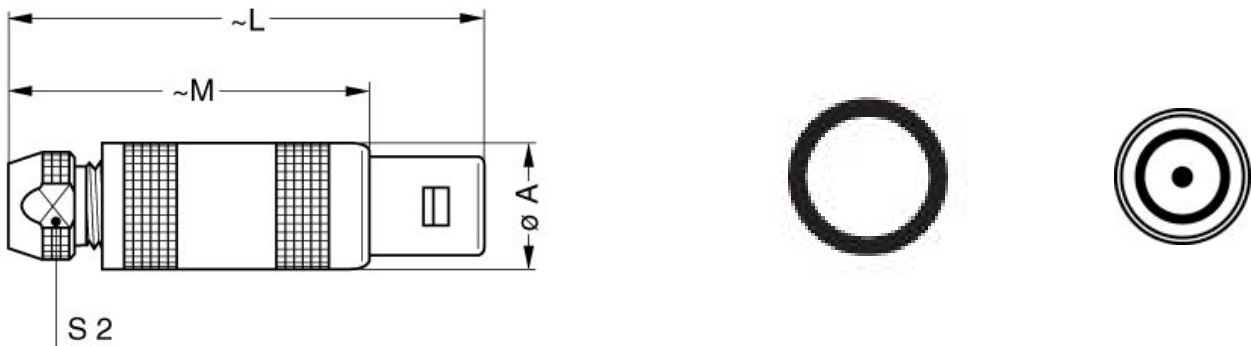
Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >144 hr

IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	12	42.5	31.5	8.5
in.	0.47	1.67	1.24	0.33






RECOMMENDED BY LEMO

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Tools

Spanner wrench: DCD.1S.015.PA085

Cables

CCN.50.051.1529NMC			
017 420	PVC	Black	
017 450	COPOLYMER	Black	
018 700	PTFE	White	
018 800	PTFE	White	
031 600	PTFE	Brown	
CCX.50.RG0.58AU14B	FEP	White	
CCX.50.RG1.74-U25N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74U25N	PVC	Black	
CCX.50.RG1.88AU24B	TFE	White	
CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.88AU26B	PTFE	White	
CCX.50.RG3.16BU26M	FEP	Brown	
CCX.50.RG3.16U28M	PTFE	Brown	
CCX.75.RG1.79BU26M	FEP	Brown	
CCX.75.RG1.87AU26B	PFA	White	
CCX.75.RG1.87AU27B	PTFE	White	

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.