

SUMMARY

Wires

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



Image is for illustrative purpose only

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Series	3S
Termination type	Female solder
IP rating	50
Cable Ø	9.80 - 10.50 mm
Matching parts	FFA.3S.250.CTAC11
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 9.8 - 10.5 mm
Variant	

Performance

Configuration	3S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	26 Amps

Specifications

Contact Type: Coaxial 50 Ohm (Solder)
Max. Matings: 1000
Contact Dia.: 3 mm (0.118in)

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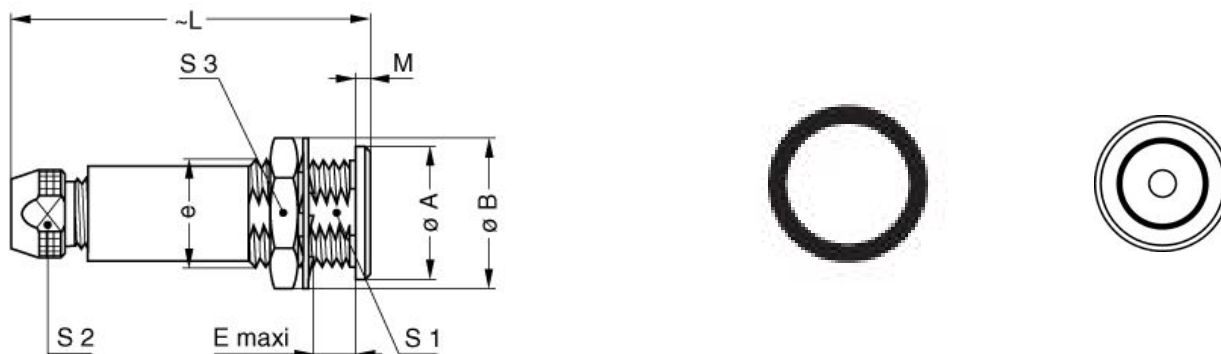
Bucket Dia.: 2.7 mm (0.106in)
 Vtest: 3000 V (AC), 4200 V (DC)
 Impedance: 50 Ohm
 VSWR: $1.06 + 0.5 * f/\text{GHz}$
 Cable type: RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U

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]
 Salt Spray Corrosion: >144 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	S2	S3	e
mm.	22	25.2	11.5	59	2	16.5	14	22	M18x1.0
in.	0,87	0,99	0,45	2,32	0,08	0,65	0,55	0,87	

RECOMMENDED BY LEMO

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Tools

Spanner wrench: MTZ.3S.500.014

Cables

213 000	PE	Black	
311 100	PVC	Black	
CCX.50.RG2.13U10N	PE	Black	
CCX.75.RG0.11AU10N	PVC	Black	

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