

# SUMMARY

### # Wires

Low	6		
High	0		
Coax	0		
Triax	0		
Quad	0		
Fiber	0		
Fluidic	0		
Series	2B		
Termination type	Male solder		
IP rating	50		
Cable Ø	6.30 - 7.20 mm		
Matching parts	EGG.2B.306.CLL		
Matching parts Status	EGG.2B.306.CLL active		

# FPG.2B.306.CLAD72



Image is for illustrative purpose only

Catalog

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# **TECHNICAL DETAILS**

### **Mechanics**

Shell Style/Model	FP*: Elbow (90 $\hat{A}^{\circ}$ ) plug with cable collet					
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)					
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces					
Cable Fixing	D72: 6.3 - 7.2 mm					
Variant						
Weight	37.81 g					
Performance						
Configuration	2B.306 : 6 Low Voltage					
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)					
Rated Current	12 Amps					

### Specifications

Contact Type: Solder Max. Matings: 5000 Contact Dia.: 1.3 mm (0.051in)

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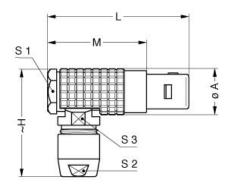
Bucket Dia.: 1 mm (0.039in) Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20) Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20) R (max): 3.6 mOhm Vtest (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

### Others

Temp (min / max): -55°C / +250°C Humidity (max): <=95% [at 60 deg C /140 F] Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [ 6 ms] Salt Spray Corrosion: >1000 hr Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz) IP Rating: 50

### DRAWINGS

#### Draws







### Dimensions

	А	Н	L	м	S1	S2	\$3
mm.	15	35	41.5	29.5	13.5	12	13
in.	0,59	1,38	1,63	1,16	0,53	0,47	0,51

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## **RECOMMENDED BY LEMO**

### Tools

Spanner wrench: MTZ.2B.220.120

### Cables

106 200	PVC	Black	

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