

## SUMMARY

### # Wires

Low	16
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

*Image is for illustrative purpose only*

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Series	2B
Termination type	Male solder
IP rating	50
Cable Ø	7.30 - 8.20 mm
Matching parts	
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FU*: Elbow plug(90°), with cable collet
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D82: 7.3 - 8.2 mm
Variant	Z : Nut for fitting a bend relief

### Performance

Configuration	2B.316 : 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Stranded Conductor:	0.34 mm <sup>2</sup> (AWG 22)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)

R (max): 6.1 mOhm  
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)  
Vtest (contact-contact): 950 V (AC), 1340 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

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## DRAWINGS

### Draws



### Dimensions

	A	H	L	M	S1	S2	S3
mm.	16.5	35.5	41.6	29.6	14	12	13
in.	0,65	1,40	1,64	1,17	0,55	0,47	0,51






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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: MTZ.2B.220.120

## Cables

CMN.16.T22.076QGZE	TPR (medical)	Grey	
CMN.16.T22.077PGCE	PVC	GREY	
CMN.16.T22.077PGZE		Grey	
CMN.16.T22.077PNCE	PVC	Black	
CMN.16.T22.077PNZE			
CMN.16.T22.079PGCE	PVC	GREY	
CMN.16.T22.079PGZE		Grey	
CMN.16.T22.079PNCE	PVC	Black	
CMN.16.T22.079PNZE			
216 240	PVC	Black	