

## SUMMARY

### # Wires

Coax 1

Series 1S

Termination type Female solder Coaxial

IP rating 50

AWG wire size 0.00 - 0.00

Cable Ø 4.20 - 5.20 mm

Status active

Matching parts [FFA.1S.250.CTAC52](#)



Image is for illustrative purpose only

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勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PCA\*: Free receptacle, cable collet

Keying Circular, female

Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

Weight 20.55 g

### Performance

Configuration 1S.250 : 1 Coax (50 Ohm)

Insulator T: PTFE

Rated Current 12 Amps

### Specifications

Contact Type: Coaxial 50 Ohm (Solder)

Contact Dia.: 1.6 mm (0.063in)

Bucket Dia.: 1.4 mm (0.055in)

Vtest: 3000 V (AC), 4200 V (DC)

Impedance: 50 Ohm

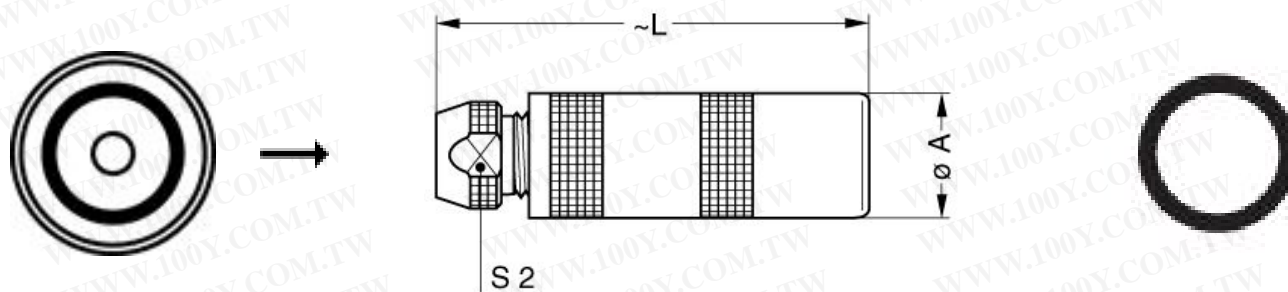
VSWR: 1.01 + 0.23 \* f/GHz

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

## DRAWINGS



## Dimensions

	A	C	L	S2
mm.	11.9	6.2	40.5	8.5
in.	0,47	0,24	1,59	0,33


## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1S.015.PA085](#)

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## Cables

158480	PUR	Black	
158490	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG5.8CU50N	PVC	Black	

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