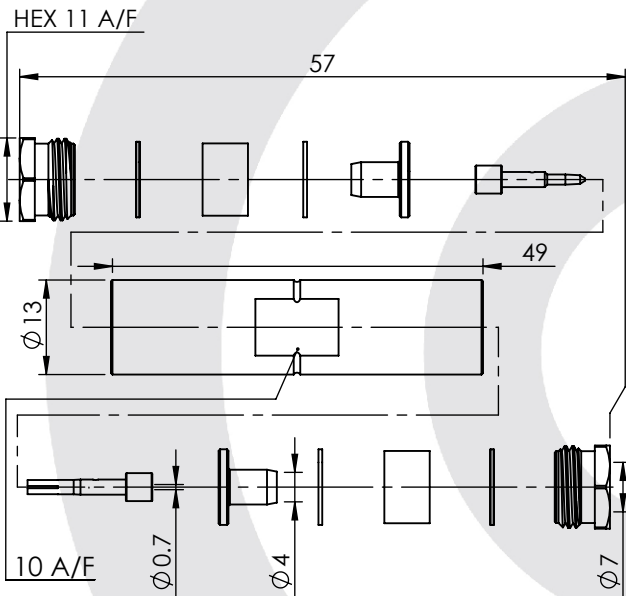


## 75 Ohm CABLE CONNECTOR

### 76-570-Q6-AI



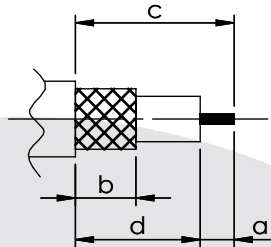
images for illustration purposes only



### Suitable for Cables:

(AI) RG59, URM104, URM70, RG62, KX6, KX52, KX30

### Stripping Dimensions



- a = 8.0 mm
- b = 3.0 mm
- c = 10.0 mm
- d = 2.0 mm

\* CUT FOIL TO DIM. "b"

### Assembly Procedure: AP035

### Tooling

- Centre Contact: Hex 1.72mm A/F      Tool No: 96-HTS-75
- Crimp Sleeve: Not Applicable      Tool No: Not Applicable
- Alignment Tool: Not Applicable      Extraction: Not Applicable

### Environmental Specification

Operating Temp: -55 to +155 Deg C.  
IP Rating: IP 68 @ 50m

### Electrical Specification

Impedance: 75 Ohm  
Frequency: 0-3 GHz  
Dielectric W/V: 1500 Veff  
Insulation res: 5000 M-Ohm

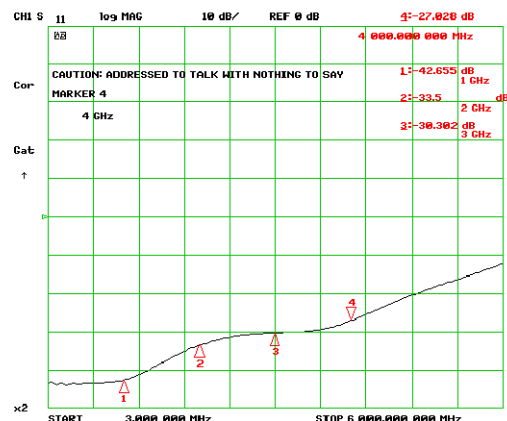
### Mechanical Specification

Contact Retention: Not Applicable  
Cable Retention: 200 N min  
Mating cycles: Not Applicable  
Weight: 34.58 g

### Performance

- 42.6dB @ 1.0 GHz
- 33.5dB @ 2.0 GHz
- 30.3dB @ 3.0 GHz
- 27.0dB @ 4.0 GHz

### Return Loss Graph



8	FEMALE CENTRE CONTACT	PHOSPHOR BRONZE	GOLD
7	WASHERS	BRASS	WHITE BRONZE
6	RETAINER	BRASS	WHITE BRONZE
5	GASKETS	SILICONE	N/A
4	TOP HATS	BRASS	WHITE BRONZE
3	INSULATORS	PTFE	N/A
2	MALE CENTRE CONTACT	BRASS	GOLD
1	BODY & NUTS	BRASS	WHITE BRONZE
ITEM	DESCRIPTION	MATERIAL	PLATING

<b>A4</b>	SHEET 1 OF 1	DIMENSIONS ARE IN MILLIMETRES		
REVISION :	C00	NAME	SIGNATURE	DATE
ISSUE :	1	DRAWN	GE	18/03/2013
		CHK'D	PS	18/03/2013
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Cod File: C:\Fusion Components Ltd\CAD Data\Drawings\Z - Match IT SERIES\DATA SHEETS\76-570-Q6-AI