

# 75 OHMS Coaxial Contacts



## Description

Amphenol Socapex 75 OHMS coaxial contacts were designed for use with coaxial cable in video systems (HD-SDI and 3G-SDI)

## Main Features

- Provides 75 ohms matched impedance resulting in low VSWR and low insertion loss
- Does not require contact polarization within the insert (concentric interface)
- Available for MIL-DTL-38999/EN3645 and SIM/EN4165
- Crimp and PC Tails termination
- Easy cable adaptation upon request

## Typical Electrical Performance

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| Typical VSWR                    | Meet HD-SDI and 3G-SDI                       |
| Insulation resistance           | 5,000 megaohms minimum at 25°C               |
| Dielectric Withstanding Voltage |                                              |
| Size 6 and 8                    | 1300VRms at sea level<br>250VRms at 50,000ft |
| Size 12                         | 1000VRms at sea level<br>250VRms at 50,000ft |

## Markets & Applications



C4ISR



Navy



Ground Vehicle



Space



Applications :

- › Camera
- › Video acquisition
- › In-Flight Entertainment

## Portfolio

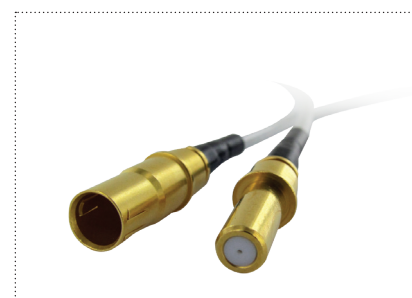
### Crimp Contacts

| Contact Size | Cable                  | Contact Part Number |        | Piggy Back Grommet |
|--------------|------------------------|---------------------|--------|--------------------|
|              |                        | Pin                 | Socket |                    |
| 6            | RG-178B/U              | 600757              | 603180 | 600762             |
|              | DRAKA HD PRO 0.8/3.7AF |                     |        |                    |
|              | BELDEN RG79 0.8/3.7    | 600813              | 600715 | 600759             |
|              | GRÜN 0.6/3.7           |                     |        |                    |

For size 6 contacts. Please consult us for available connectors and arrangements



| Contact Size | Cable                 | Contact Part Number |        | Piggy Back Grommet |
|--------------|-----------------------|---------------------|--------|--------------------|
|              |                       | Pin                 | Socket |                    |
| 8            | RG-178B/U             | 600822              | 600841 | 603161             |
|              | PIC V75268            |                     |        |                    |
|              | PICV76261             |                     |        |                    |
|              | PIC73263              | 600830              | 600836 | 900472             |
|              | EMTEQ TFLX 125-075-01 |                     |        |                    |



| Contact Size | Cable                 | Series | Contact Part Number |        |
|--------------|-----------------------|--------|---------------------|--------|
|              |                       |        | Pin                 | Socket |
| 12           | RG 179B/U             | II     | 603039              | 603139 |
|              | EMTEQ TFLX 125-075-01 |        | 603360              | 603195 |
|              | RG 179B/U             | III    | 603039              | 603052 |
|              | EMTEQ TFLX125-075-01  |        | 603360              | 603361 |



### PC TAILS Contacts

| Contact Size | Tail Length | Contact Part Number |        |
|--------------|-------------|---------------------|--------|
|              |             | Pin                 | Socket |
| 8            | CI          | 600889              | 600909 |
| 12*          | CI          | 603425              | 603420 |

\* Series III

For other stick outs or custom board termination, please consult us

