

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 250VRms at 50,000ft |
| Size 12 | 1000VRms at sea level 250VRms at 50,000ft |

Markets & Applications



C4ISR



Navy



Ground Vehicle



Space



Applications :

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

Portfolio

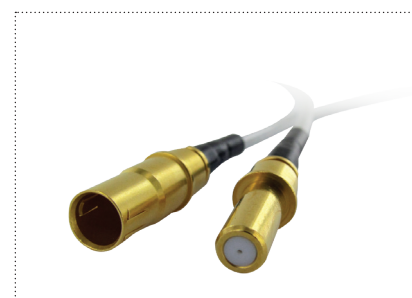
Crimp Contacts

| 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



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