

# 3GHz DIN 1.0 / 2.3 Coaxial Connectors

## Cable Mounted Non Latching Connector

### Part Number C-SX-159

#### General Description

The C-SX-159 precision 75Ω DIN 1.0/2.3 Connector is a cable mounted non latching connector. This range of connectors meets the SMPTE 424M standard and is ideal for use in applications where quick release is a requirement.

#### Electrical Specification

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Impedance:                       | 75Ω                                         |
| Frequency Range:                 | 0-3GHz                                      |
| Working Voltage:                 | 250Vrms                                     |
| Dielectric Withstanding Voltage: | 750Vrms                                     |
| Contact Resistance:              | Centre contact 4.0mΩ<br>Outer contact 2.5mΩ |
| Insulation Resistance:           | >1000M Ω                                    |
| Connector Type:                  | Male                                        |

#### Features

- Meets SMPTE 424M Standard
- Optimised for 3G HD-SDI
- Quick release non-latching connector

#### Materials

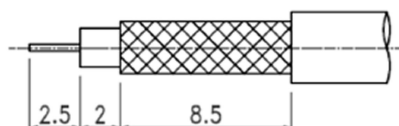
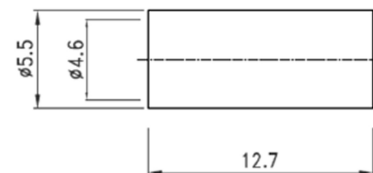
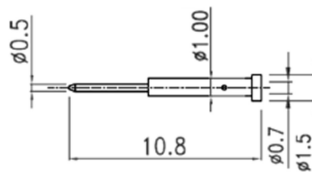
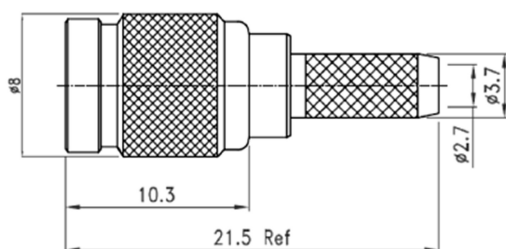
|              |                  |
|--------------|------------------|
| Centre Pin:  | Brass / 10 μ" Au |
| Metal Parts: | Brass / Ni       |
| Ferrule:     | Brass / Ni       |
| Insulators:  | PTFE             |

#### Environmental

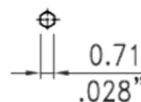
|               |              |
|---------------|--------------|
| Temp Range:   | -65 to +85°C |
| Mating Cycles | 500          |

3G SDI

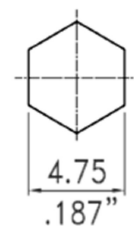
CoaxVision™



Recommended Cable Stripping Dimensions



Recommended Crimped Dimensions for Centre Pin



Recommended Crimped Dimensions for Ferrule