



# DEUTSCH

## AUTOSPORT

### Autosport Co-ax

Using the tried and tested size 3 (ASU) shell, Deutsch UK introduce the AS Co-ax connector. Designed for use with RG316 co-axial cable, the ASCX gives motorsport teams a harsh environment solution for RF applications.



#### Features

- Ultra compact design (Size 3 shell)
- Single co-axial contact
- Positive locking coupling mechanism
- Conductive black zinc finish
- Boot termination feature
- Ultra light weight
- Gold-plated crimp contacts
- 2 keyway orientations

#### Benefits

- Minimum space envelope
- New solution for RG316
- No need for backshells for boot termination
- Visual indication of keyway orientation of connector
- Suitable for blind mating
- Suitable for RF applications

#### General Specification

**Dielectric Withstanding Voltage:** Current leakage less than 2 milliamps at 1000 VAC

**Temperature:** Operating at temperatures from -55 °C to +175 °C

**Durability:** No electrical or mechanical defects after 500 cycles of engagement or disengagement

**Impedance Rating:** 50Ω

**Water Immersion:** IP67 rating - 1 metre for 30 mins minimum

**Fluid Resistance:** Connectors show no damage when exposed to most fluids used in most motorsport applications

**Wire Sealing:** Connector rear sealing grommets are designed to seal on RG316 coaxial cable

Contact Deutsch for more detail of specific products to meet your sealed electrical connection requirements

Connector Type	Part Number
Plug	ASCX603-1SN-050
Inline - receptacle	ASCX103-1PN-050
Flanged - receptacle	ASCX003-1PN-050

For more information, technical assistance or custom solutions email [autosport@deutsch.net](mailto:autosport@deutsch.net) [www.deutsch.net](http://www.deutsch.net)  
 Stanier Road, St Leonards on Sea, East Sussex TN38 9RF UK Telephone +44 (0) 1424 852722 Fax +44 (0) 1424 855979

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