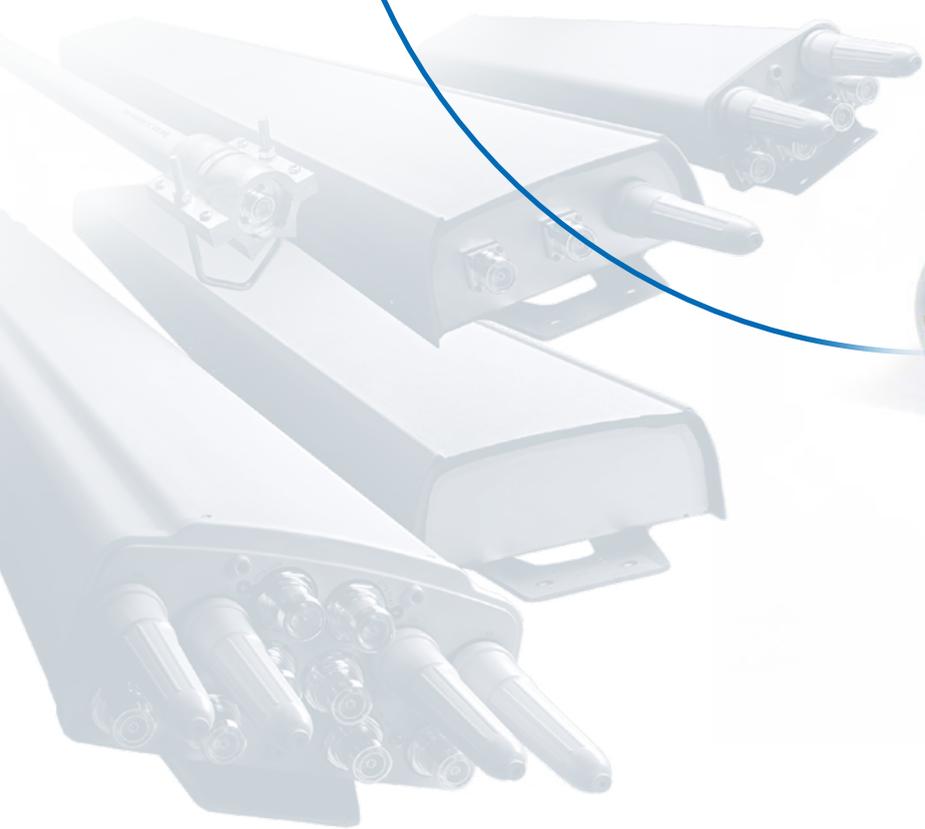




## QLS<sup>®</sup> Advanced

The new Quick-Lock Generation

- Easy & Fast & Safe Connection
- Excellent RF Performance
- Multiple Color Codings

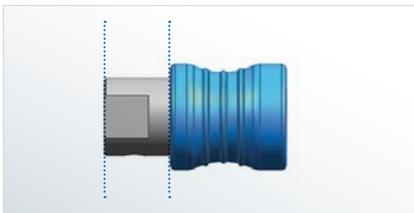




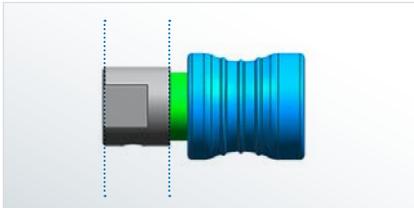
# QLS<sup>®</sup> Advanced

## The new Quick-Lock Generation

This newly developed “QLS Advanced” Quick-Lock solution offers a comprehensive range of advanced product features for reliable quick lock interconnection. This advanced generation is fully backward compatible with the quick lock standard QLS<sup>®</sup>, offered by IMS Connector Systems. Typical features like easy & fast assembly, high packaging density, simply installation without tools and high contact pressure remain unchanged.



Unmated condition



Mated condition with green “Locking Indicator”

### Product Features

- Excellent Quick-Lock Antenna Interconnection
- Color coding on locking ferrule “capri blue, bordeaux, silver grey”
- Color coded “Locking Indicator” “Optical indication ‘green appearance’ when interconnection is accurate locked”
- Very good PIM behavior through “plastic locking ferrule” instead of metal locking ferrules
- High temperature resistant through superior material usage
- Cost efficient Quick lock design

### Application

- PIM sensitive antenna interconnection
- Quick lock interconnections for various applications in markets like telecommunication, industrial and instrumentation.

### Characteristics

- Frequency range up to 12 GHz
- Return loss: typ. DC – 3 GHz  $\geq$  32 dB
- Mating cycles max 100
- Connector pitch 15 mm
- Operating temperature range: from -40 °C to +85 °C



[www.imscs.com](http://www.imscs.com)

**Head Office Germany**  
 IMS Connector Systems GmbH  
 Obere Hauptstraße 30  
 D-79843 Löffingen  
 PO Box 1141  
 D-79840 Löffingen  
 Tel (+49) 76549010  
 Fax (+49) 7654901199  
 E-mail [sales@imscs.com](mailto:sales@imscs.com)

**Hungary**  
 IMS Connector Systems Kft  
 Ipar körút 27  
 H-9400 Sopron  
 Contact Görcsös Ferenc  
 Tel (+36) 99 513 528  
 Fax (+36) 99 513 514  
 E-mail [gorcscos@imscs.hu](mailto:gorcscos@imscs.hu)

**China**  
 IMS Connector Systems Ltd  
 No 35, Huo Ju Road  
 SND Science & Technology Park  
 VCR-Suzhou 215011  
 Tel (+86) 51268081816  
 Fax (+86) 51268252388  
 E-mail [sales@imscscn.com](mailto:sales@imscscn.com)

All sales contacts at  
[www.imscs.com/sales-contacts.html](http://www.imscs.com/sales-contacts.html)