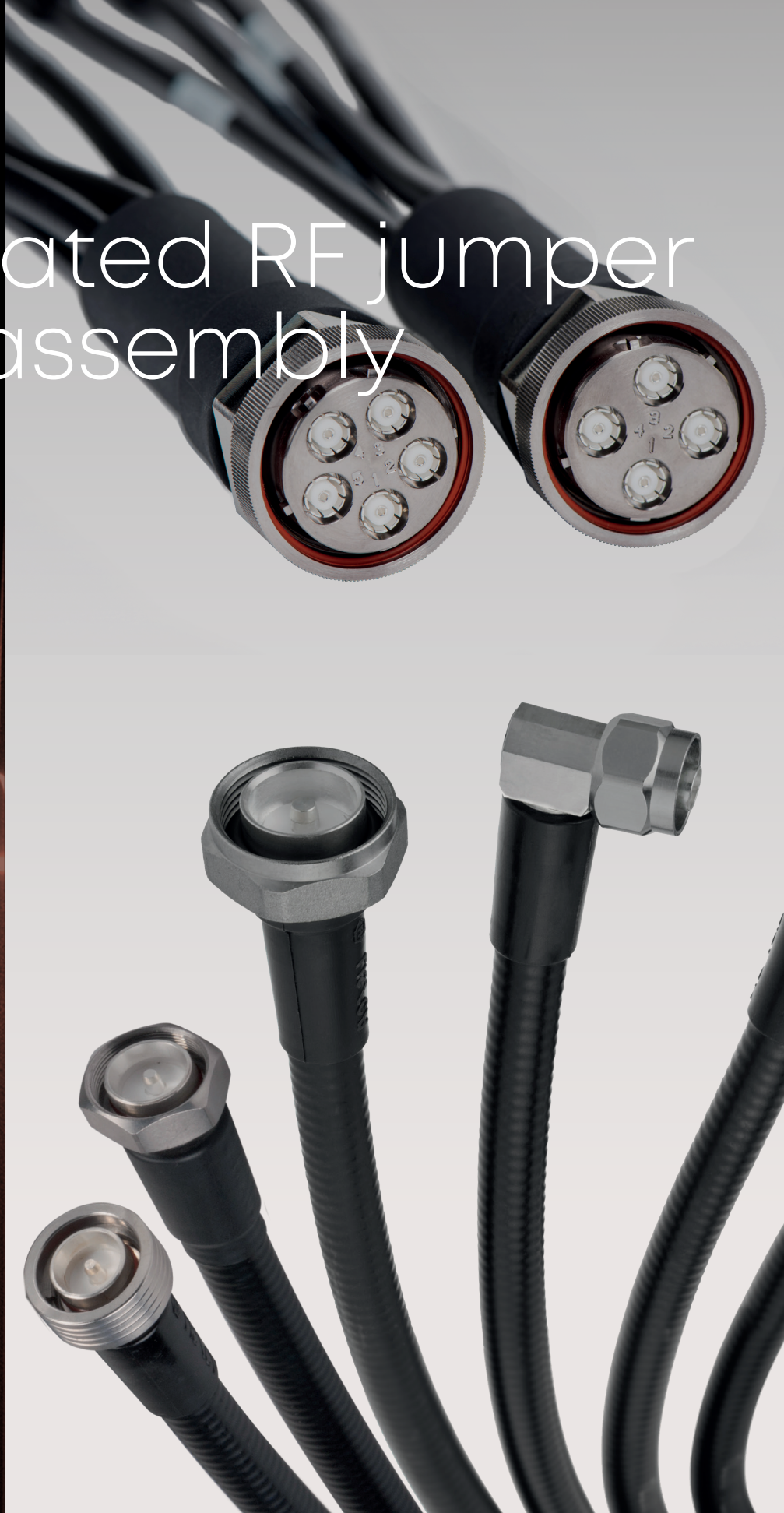


# LISCA

## Corrugated RF jumper cable assembly

Edition 2021/04



# LISCA – Low Intermodulation

## Soldered Corrugated cable Assembly

LISCA cable assemblies are specially developed for applications where low VSWR and low attenuation combined with low intermodulation products are required. The excellent performance is achieved by utilising corrugated cables with low intermodulation connectors and a controlled assembly process with HUBER+SUHNER solder technology. These products are factory-made cable assemblies and can only be ordered in predetermined lengths.



Low intermodulation distortion levels (PIM)



100 % tested performance



Suitable for indoor and outdoor applications

## **LISCA quality**

LISCA assemblies are produced under stringent quality manufacturing standards in order to achieve consistent high performance. The assemblies are 100 % tested for attenuation and return loss according to the technical requirements. Additional PIM testing can also be provided.

## **Customisation**

The strengths of HUBER+SUHNER also include the production of products according to customer specifications. This product line offers additional possibilities for demanding customer wishes like additional weather protection, free choice of length and connectors as well as customised packing.

## **Single jumpers**

- Large variance of connectors and cables available
- Customised length, labeling and performance level available
- Test leads for low intermodulation test equipment



## **Cluster jumpers**

- Reduced installation time
- Up to 5 connections in one mating
- Reduced complexity on site



# Order code for LISCA product family

|                         |                         |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-------------------------|----------------------|-------------------|---|----|---|---|----|------|---|----|---|------|---|-------|---|----|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Example:                |                         |                      | LIS               | - | C9 | F | - | 11 | 431X | - | 11 | - | 431X | - | 02000 | - | 52 |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Product family          |                         |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sucofeed_1/4_HF         | C5                      |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sucofeed_3/8_HF         | C7                      |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sucofeed_1/2_HF         | C9                      | Cable type           |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sucofeed_1/2            | C12                     |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Flame retardant: F      |                         |                      | PE: no indication |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Straight male           | 11                      | Pattern of connector | 1                 |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Right angle male        | 16                      |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Straight female         | 21                      | Pattern of connector | 2                 |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7/16                    | 716                     | Connector interface  | 1                 |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7/16                    | with IP-boot            | 716B                 | 2                 |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.1-9.5                 | 4195                    |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MQ4 plug (m)            | screw type              |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | MQ4X                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MQ5 plug (m)            | screw type              |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | MQ5X                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N                       | N                       |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N                       | with IP-boot            |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | NB                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.3-10 jack (f)         | 4310                    |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.3-10 plug (m)         | screw type              |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | 431X                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.3-10 plug (m)         | screw type with IP-boot |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | 43XB                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.3-10 plug (m)         | hand screw type         |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | 431Y                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NEX10® plug (m)         | screw type              |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | NXX                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NEX10® plug (m)         | screw type with IP-boot |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | NXXB                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Assembly length in mm   |                         |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    |                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jumper performance code | example: 52             |                      |                   |   |    |   |   |    |      |   |    |   |      |   |       |   |    | Technical design and performance |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Many other cables and connectors are available.  
Please contact your local HUBER+SUHNER contact or distributor.

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419S/4347/04.2021

HUBER+SUHNER is certified to ISO 9001, ISO 14001, IATF 16949 and IRIS.

## Waiver

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