

# LISCA

## Corrugated RF jumper cable assembly



- Excellent return loss
- Low, stable passive intermodulation products (PIM)
- Low attenuation
- Moisture protection IP68
- Factory-made cable assemblies
- Test leads for low intermodulation test equipment
- Now as well with IP boots available



## LISCA – Low Intermodulation Soldered Corrugated cable Assembly

### Description

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. A hot polyamide molding between connector and cable jacket guarantees highest stability and tightness.

### Standard LISCA assemblies

These 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 data.

### Customised LISCA assemblies

HUBER+SUHNER's strengths also include the production of products according to customer specifications. This product line offers additional possibilities for demanding customer wishes based on the LISCA standard requirements.

### Order number for standard LISCA

|                                         |             |                       |                       |                                    |
|-----------------------------------------|-------------|-----------------------|-----------------------|------------------------------------|
|                                         |             |                       | Example:              | LIS-C9 F- 11 716- 16 716-02000 -51 |
|                                         |             |                       | Product name          |                                    |
| Sucofeed_1/4_HF                         | C5          | Cable type            |                       |                                    |
| Sucofeed_3/8_HF                         | C7          |                       |                       |                                    |
| Sucofeed_1/2_HF                         | C9          |                       |                       |                                    |
| 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                     | 2                                  |
| 7/16 with IP-boot                       | 716B        |                       |                       |                                    |
| 4.1-9.5                                 | 4195        |                       |                       |                                    |
| N                                       | N           |                       |                       |                                    |
| N with IP-boot                          | NB          |                       |                       |                                    |
| QN                                      | QN          |                       |                       |                                    |
| 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        |                       |                       |                                    |
| 4.3-10 plug (m) push-pull type          | 431Z        |                       |                       |                                    |
|                                         |             |                       | Assembly length in mm |                                    |
| Jumper performance code                 | example: 51 | Technical performance |                       |                                    |

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HUBER+SUHNER is certified according to EN(AS) 9100,  
ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

#### Waiver

Fact and figures herein are for information only and do not represent any warranty of any kind.