

Flexiform 402 SL FJ

Premium small, low loss, re-formable coax, high temperature

-65°C/+180°C

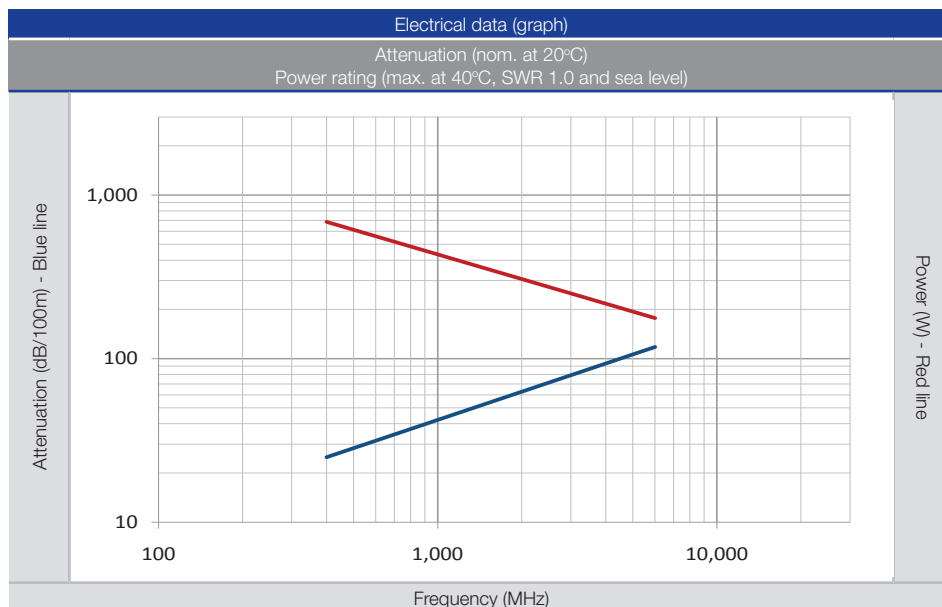
Construction

| | | | | | |
|-------------|--|------------|-----------------------|-----------------|------------------|
| Conductor | Silver Plated Copper (SPC) | Dielectric | Profile-extruded PTFE | Frequency range | Up to 6 GHz |
| Screen | Tin-soaked, Tin Plated Copper (T) | Sheath | FEP | Vp | 77.5% |
| Colour code | Natural | | | Sheath | Blue-transparent |
| Marking | Habia Cable - Type - Article Number - Year-Week - Batchcode e.g.: Habia Cable - Flexiform 402 SL FJ - 3140040212 - 2015-W14 - 152011001 | | | | |

| Description | Construction | | | | | | Electrical | | | MBR | Article Number |
|---------------------|--------------------|-------------|--------------|------------|------------|------------|------------|--------|-----------|-----|----------------|
| | conductor material | conductor Ø | dielectric Ø | shield/s Ø | sheath/s Ø | weight g/m | V AC rms | imp. Ω | cap. pF/m | | |
| Flexiform 402 SL FJ | SPC | 0.94 | 2.65 | 3.28 | 3.84 | 40 | 1,000 | 50 | 86 | 8 | 3140040212 |

| Electrical data | | |
|-----------------|-----------------------|-----------|
| Frequency (MHz) | Attenuation (dB/100m) | Power (W) |
| 400 | 25 | 686 |
| 1,000 | 41 | 434 |
| 2,000 | 60 | 307 |
| 3,000 | 76 | 251 |
| 4,000 | 88 | 217 |
| 5,000 | 107 | 194 |
| 6,000 | 118 | 177 |
| 10,000 | - | - |
| 18,000 | - | - |

Attenuation data at 20°C
Power data at 40°C



Application

Habia Cable's most recent innovation in Flexiform has been the development of the small, low loss Flexiform. Similar to the Flexiform L, these cables use a profiled dielectric to provide the electrical performance of a larger coaxial within a smaller space envelope. A high temperature sheath ensures that the power ratings remain high. A standard specification version (Flexiform SLX FJ) is also available.

- Flame retardant: IEC 60332-1-2, IEC 60332-3-24 and UL 1581 VW-1
- Smoke generation: IEC 61034-2
- Screening efficiency: 110dB
- Variant designs available

FF_402_SL_FJ_02 2016_04_18

T's & C's available on www.habia.com