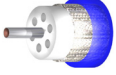


Flexiform™ LX FJ

Standard, low loss, re-formable high temperature coaxial cables
Intended for use primarily as a transmission line in high frequency applications

| Order reference | | Core | | Finished cable | | | | | Electrical | | | |
|---|----------------|----------------------------|-----------|----------------|--------------|----------|---------|-----------|------------|------|---------------------|----------|
|  | | Silver Plated Copper (SPC) | | Profiled PTFE | Tinned braid | FEP | Weight | Fixed MBR | Imp. | Cap. | DC current rating | Voltage |
| | | Stranding | Conductor | Dielectric | Shield/s | Sheath/s | | | | | In free air at 40°C | |
| Description (NSN - if applicable) | Article Number | # x mm | Nom Ø | Nom Ø | Nom Ø | Nom Ø | Nom g/m | mm | Ohms | pF/m | Amps | V AC rms |
| Flexiform 401 LX FJ | 3140040105 | Solid | 1.88 | 5.31 | 6.15 | 6.70 | 127 | 40 | 50 | 84 | 60 | 1,800 |
| Flexiform 402 LX FJ | 700041779 | Solid | 1.05 | 3.00 | 3.56 | 4.10 | 47 | 10 | 50 | 86 | 30 | 1,000 |

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)

| Frequency | Flexiform 401 LX FJ | | Flexiform 402 LX FJ | |
|-----------|---------------------|-------|---------------------|-----|
| | MHz | dB | W | W |
| 400 | 13 | 2,000 | 22 | 680 |
| 1,000 | 22 | 1,190 | 37 | 413 |
| 2,000 | 33 | 820 | 53 | 287 |
| 3,000 | 44 | 658 | 66 | 232 |
| 4,000 | 52 | 570 | 77 | 200 |
| 5,000 | 58 | 510 | 86 | 178 |
| 6,000 | 64 | 466 | 94 | 163 |


Cable identification

Dielectric Natural

Sheath Blue

Marking Habia Cable - Flexiform ### FJ - Article No. - Year-Week - Batchcode

Characteristics and key properties

| | | | | | | | |
|--|--------------------|------------------------------|-------------------|-------------------------------------|--------------|-----------------------------------|---------------------|
|  | RoHS 2011/65/EU | REACH EC No. 1907/2006 | LVD 2014/35/EU | All-round chemical resistance | Low smoke | Flame retardant | +180°C High temp |
| | | | | | VoP 78% | Current rating to IEC 60287 | -65°C Low temp |

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.