HIGH-FLEX LV REELING CABLE · RTG / RMG / STS | FIBRE-OPTIC HYBRID | 0.6/1 kV | 10 sizes | CPE rubber | 2×12E9

# FC-TRB-M-NSF2 0.6/1 kV

Power and Fibre-Optic Hybrid Reeling Cable 0.6/1 kV – 3 power cores + 3 split PE conductors + overall screen + 24 single-mode fibres G.652.D in two elements, CPE rubber sheath. Complete technical data sheet: construction, dimensions, weights, current ratings, standards and installation guidance for 10 sizes.

Document no. FC-TDS-LV139-2026-98860139-EN · Revision 0 · Issued 4 November 2026 · Language: English (AU)

## 01 Application and Product Overview

FC-TRB-M-NSF2 is a high-flex reeling cable for container terminals and heavy port equipment, rated 0.6/1 kV, with the configuration 3 power cores + 3 split PE conductors + overall screen + 24 single-mode fibres G.652.D in two elements. It has fine-wire class 5 copper conductors, halogen-free EPR/HEPR rubber insulation, a halogen-free inner sheath and an outer sheath of chlorinated polyethylene (CPE) rubber, resistant to weather, ozone and oil; power cores from 25 – 300 mm². Short-lay stranding makes it suitable for continuous winding on and off a cable reel under tensile and torsional load. The construction is derived from the FC-TPU-M D2X11Y platform with a rubber sheath.

### Typical applications

- Converter-fed crane drives that require a screened motor supply on the reel
- Remote-controlled and automated cranes that send PLC, video and remote-operation data over single-mode fibre through the reel
- Rubber-tyred gantry (RTG), rail-mounted gantry (RMG) and electrified RTG cranes fed through spring-driven or motor-driven cable reels
- Ship-to-shore (STS) crane auxiliary drives, automated stacking cranes, ship unloaders and bulk-handling machines in terminals
- Outdoor quayside and yard operation with exposure to seawater spray, salt mist, UV radiation and ozone
- Reeling operation at travel speeds up to 60 m/min with repeated tensile and torsional loads

### Design

Power and split-PE construction with an overall tinned-copper braid screen between the inner and outer sheath. The screen reduces emitted interference from converter-fed drives and improves electromagnetic compatibility (EMC) of the installation. A 360° screen termination at both ends is recommended. The cable contains two optical elements (24 single-mode fibres G.652.D in two elements). Single-mode fibres carry the crane data, video and remote-operation links over the full length of the terminal with very low attenuation, so a single reel cable can connect the crane to the terminal operating system without intermediate repeaters.

| 10 sizes | 0.6/1 kV | +90 °C | CPE rubber |
|---|---|---|---|
| Cross-section 25 – 300 mm² | Rated voltage $U_0/U$ | Maximum conductor temperature | Sheath: CPE rubber |

### Key features

- Fine-wire class 5 copper conductors and a very short core lay length for repeated reeling
- 24 single-mode fibres G.652.D in two elements in a crush-resistant loose-tube element on the cable axis
- Three split PE conductors in the interstices keep the cross-section round and balanced
- Designed for 20 N/mm² continuous tensile load (on the total copper cross-section of the power cores)

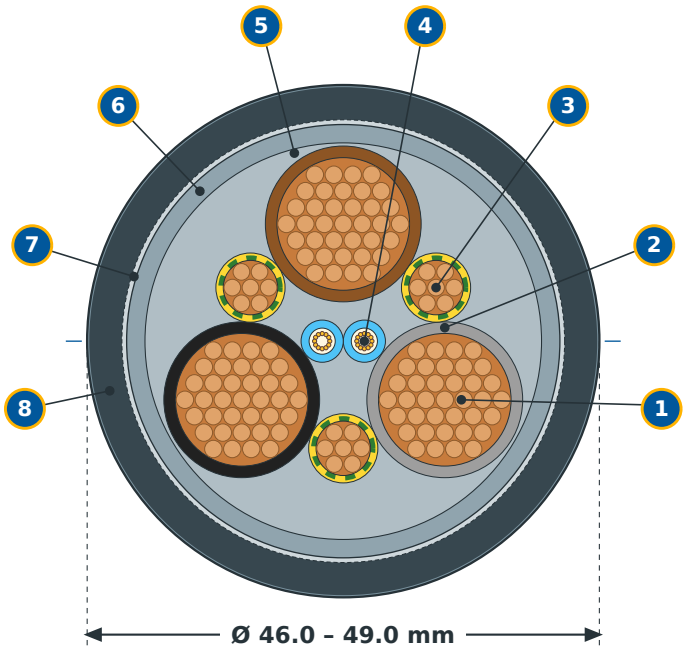
- CPE rubber sheath with proven weather, ozone and oil resistance
- Overall tinned-copper braid screen (≥ 85 % coverage) for EMC
- Flame retardant to IEC 60332-1-2

## 02 Construction

**FEICHUN · CROSS-SECTION A-A · 0.6/1 kV**

**FC-TRB-M-NSF2**

Sample size 3×95+3G16+2×12E9 C · Rev 0 · Illustrative, not to scale




| No. | Component | Material |
|---|---|---|
| 1 | Conductor | Bare annealed fine-wire copper, class 5 to IEC 60228 |
| 2 | Insulation | Halogen-free EPR/HEPR rubber |
| 3 | Split PE conductor | Class 5 copper, green-yellow insulation, laid in the interstices between the power cores |
| 4 | Optical element | 24 single-mode fibres G.652.D in two elements; gel-filled loose tube, aramid strength members |
| 5 | Filler and binder tape | Halogen-free compound, polyester tape |
| 6 | Inner sheath | Halogen-free polymer compound |
| 7 | Overall screen | Tinned-copper wire braid, coverage ≥ 85 % |
| 8 | Outer sheath | Chlorinated polyethylene (CPE) rubber, resistant to weather, ozone and oil |

The drawing shows size 3×95+3G16+2×12E9 C. Other sizes have the same construction with scaled dimensions.

### Construction details

| | |
|---|---|
| **Conductor** | Bare annealed fine-wire copper, class 5 to DIN EN 60228 / IEC 60228 / VDE 0295 |
| **Insulation** | Halogen-free EPR/HEPR rubber to IEC 60502-1, maximum conductor temperature 90 °C |
| **Core identification** | Power cores brown, black, grey to DIN VDE 0298-300 |
| **Protective conductor** | Three PE conductors (3G), green-yellow, 16 mm² each, laid in the interstices between the power cores |
| **Optical element** | Two elements: 24 single-mode fibres G.652.D in two elements, located at the centre of the cable |
| **Stranding** | Power cores, split PE conductors and control or optical elements are stranded together with a very short lay length |
| **Overall screen** | Tinned-copper wire braid, coverage ≥ 85 %, between inner and outer sheath |
| **Inner sheath** | Halogen-free polymer compound, extruded tightly over the stranded cores |
| **Outer sheath** | Chlorinated polyethylene (CPE) rubber, resistant to weather, ozone and oil |

### Optical fibre data

| | |
|---|---|
| **Fibre type** | Single-mode E9/125 µm, ITU-T G.652.D / IEC 60793-2-50 B-652.D, low water peak |
| **Attenuation, cabled** | ≤ 0.40 dB/km at 1310 nm; ≤ 0.30 dB/km at 1550 nm |
| **Mode-field diameter** | 9.2 ± 0.4 µm at 1310 nm |
| **Typical link reach** | 1 Gbit/s and 10 Gbit/s Ethernet up to 10 km (1000BASE-LX, 10GBASE-LR) |
| **Optical element** | Gel-filled loose tube with aramid strength members and a crush-resistant TPU element sheath, placed on the cable axis where bending strain is lowest |
| **Fibre colours** | IEC 60304 / DIN VDE 0888 colour sequence; tube and element marked for identification |
| **Fibre strain, reeling** | ≤ 0.25 % at the rated tensile load of the cable |
| **Optical test** | Attenuation of every fibre measured by OTDR after cabling; values recorded in the test certificate |

### Sheath material

The chlorinated polyethylene (CPE) rubber sheath offers good resistance to weather, ozone and mineral oil with good mechanical robustness and flexibility to −30 °C in motion, at a favourable cost level. CPE contains halogen; where halogen-free cables are specified, select the PUR version of the same construction.

## 03 Electrical, Thermal and Mechanical Characteristics

### Electrical data

| | |
|---|---|
| **Rated voltage $U_0/U$** | 0.6/1 kV AC |
| **Test voltage** | 2.5 kV AC (power cores); 2 kV AC (control cores) |
| **Maximum operating voltage, DC** | 0.9/1.8 kV |
| **Current-carrying capacity** | To DIN VDE 0298-4 at 30 °C ambient; the table gives rated design values |
| **Conductor resistance** | Maximum at 20 °C, class 5 to IEC 60228 |

### Thermal and mechanical data

| | |
|---|---|
| **Maximum conductor temperature** | +90 °C |
| **Maximum temperature at short circuit** | +250 °C |
| **Ambient temperature, fixed installation** | −40 °C to +90 °C |
| **Ambient temperature, in motion** | −30 °C to +90 °C |
| **Minimum bending radius** | 4 × D fixed; 8 × D on a cable reel (DIN VDE 0298-3) |
| **Maximum tensile load** | 20 N/mm² continuous, on the total copper cross-section of the power cores |
| **Maximum torsional load** | ±50 °/m |
| **Maximum travelling speed** | 60 m/min on a cable reel; higher speeds on request |
| **Flame propagation** | IEC 60332-1-2 / DIN EN 60332-1-2 |
| **Halogen-free** | No (CPE rubber sheath) |
| **UV and ozone resistance** | Resistant |
| **Mineral oil resistance** | Resistant, IEC 60811-404 |
| **Optical element, temperature in operation** | −40 °C to +70 °C |

### Sheath material comparison

| Property | PUR | PUR low-temp | CSP rubber | CPE rubber | PCP rubber | HFFR rubber |
|---|---|---|---|---|---|---|
| **Abrasion resistance** | Excellent | Excellent | Good | **Good** | Very good | Good |
| **Cut and tear resistance** | Excellent | Excellent | Good | **Good** | Very good | Good |
| **Mineral oil resistance** | Very good | Very good | Very good | **Very good** | Very good | Good |
| **Weather, UV and ozone resistance** | Very good | Very good | Excellent | **Very good** | Excellent | Very good |
| **Cold flexibility (moving)** | −30 °C | −40 °C | −30 °C | **−30 °C** | −25 °C | −25 °C |
| **Halogen-free (IEC 60754-1/-2)** | Yes | Yes | No | **No** | No | Yes |

The column of the sheath used in this cable is highlighted. Ratings are qualitative; ask FeiChun for test data on a specific requirement.

## 04 Dimensions, Weights and Rated Data – 0.6/1 kV (10 sizes)

| Type designation cores × mm² | FeiChun article no. | Conductor Ø max mm | Outer Ø min mm | Outer Ø max mm | Min. bend radius mm | Weight approx. kg/km | Max. pull force N | $R_{20}$ max Ω/km | Rated current A | $I_k$ (1 s) kA |
|---|---|---|---|---|---|---|---|---|---|---|
| **3×25+3G6+2×12E9 C** | FC-LV139-001 | 6.2 | 26.0 | 27.5 | 220 | 1,360 | 1,500 | 0.780 | 131 | 3.58 |
| **3×35+3G6+2×12E9 C** | FC-LV139-002 | 7.8 | 30.5 | 32.5 | 260 | 1,830 | 2,100 | 0.554 | 162 | 5.00 |
| **3×50+3G10+2×12E9 C** | FC-LV139-003 | 9.6 | 35.0 | 37.5 | 300 | 2,560 | 3,000 | 0.386 | 202 | 7.15 |
| **3×70+3G16+2×12E9 C** | FC-LV139-004 | 11.1 | 40.5 | 43.0 | 344 | 3,570 | 4,200 | 0.272 | 250 | 10.01 |
| **3×95+3G16+2×12E9 C** | FC-LV139-005 | 12.6 | 46.0 | 49.0 | 392 | 4,220 | 5,700 | 0.206 | 302 | 13.59 |
| **3×120+3G25+2×12E9 C** | FC-LV139-006 | 14.8 | 49.0 | 52.0 | 416 | 5,360 | 7,200 | 0.161 | 350 | 17.16 |
| **3×150+3G25+2×12E9 C** | FC-LV139-007 | 16.0 | 55.0 | 58.5 | 468 | 6,430 | 9,000 | 0.129 | 402 | 21.45 |
| **3×185+3G35+2×12E9 C** | FC-LV139-008 | 17.7 | 58.5 | 62.5 | 500 | 8,050 | 11,100 | 0.106 | 459 | 26.45 |
| **3×240+3G50+2×12E9 C** | FC-LV139-009 | 20.2 | 66.5 | 70.5 | 564 | 10,460 | 14,400 | 0.0801 | 540 | 34.32 |
| **3×300+3G50+2×12E9 C** | FC-LV139-010 | 22.4 | 72.0 | 76.5 | 612 | 12,480 | 18,000 | 0.0641 | 621 | 42.90 |

Current-carrying capacity: rated design values to DIN VDE 0298-4 for flexible cables, free air, 30 °C ambient; for other ambient temperatures, grouping or layered winding on a reel, apply the factors below. Pull force = 20 N/mm² × total copper cross-section of the power cores. Diameters, dimensions and weights are nominal design values and vary within manufacturing tolerances; confirm critical dimensions before dimensioning reels, guides or festoon systems. Other sizes and configurations are produced to order.

### Ambient temperature factors (conductor 90 °C)

| °C | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|---|---|---|---|---|---|---|---|
| Factor | 1.08 | 1.04 | 1.00 | 0.96 | 0.91 | 0.87 | 0.82 |

### Short-circuit current rating

$I_k$ = 0.143 kA/mm² × cross-section of the power core (conductor 90 °C → 250 °C). For another short-circuit duration t: $I_{k,t} = I_{k,1s} / \sqrt{t}$ (0.1 s ≤ t ≤ 5 s).

### Derating on a cable reel (DIN VDE 0298-4)

1 layer: 0.80 · 2 layers: 0.61 · 3 layers: 0.49 · 4 layers: 0.41. Permissible current = table current × layer factor × temperature factor.

## 05 Reeling Performance and Reel Design Data

The values below support the dimensioning of the cable reel: minimum reel core diameter, copper weight for earthing and loop-resistance calculations, cable weight, and the rated current for the number of layers wound on the reel.

| Type designation cores × mm² | Outer Ø max mm | Min. bend radius on reel, mm | Min. reel core Ø mm | Copper weight kg/km | Cable weight kg/100 m | Current, 1 layer A | 2 layers A | 3 layers A | 4 layers A |
|---|---|---|---|---|---|---|---|---|---|
| 3×25+3G6+2×12E9 C | 27.5 | 220 | 440 | 950 | 136.0 | 105 | 80 | 64 | 54 |
| 3×35+3G6+2×12E9 C | 32.5 | 260 | 520 | 1,230 | 183.0 | 130 | 99 | 79 | 66 |
| 3×50+3G10+2×12E9 C | 37.5 | 300 | 600 | 1,750 | 256.0 | 162 | 123 | 99 | 83 |
| 3×70+3G16+2×12E9 C | 43.0 | 344 | 688 | 2,460 | 357.0 | 200 | 152 | 122 | 102 |
| 3×95+3G16+2×12E9 C | 49.0 | 392 | 784 | 3,140 | 422.0 | 242 | 184 | 148 | 124 |
| 3×120+3G25+2×12E9 C | 52.0 | 416 | 832 | 4,060 | 536.0 | 280 | 214 | 172 | 144 |
| 3×150+3G25+2×12E9 C | 58.5 | 468 | 936 | 4,890 | 643.0 | 322 | 245 | 197 | 165 |
| 3×185+3G35+2×12E9 C | 62.5 | 500 | 1,000 | 6,110 | 805.0 | 367 | 280 | 225 | 188 |
| 3×240+3G50+2×12E9 C | 70.5 | 564 | 1,128 | 8,000 | 1,046.0 | 432 | 329 | 265 | 221 |
| 3×300+3G50+2×12E9 C | 76.5 | 612 | 1,224 | 9,620 | 1,248.0 | 497 | 379 | 304 | 255 |

### Reel design guidance

- Minimum reel core diameter = 2 × minimum bending radius = 16 × D (outer diameter D).
- Spring reels suit short travel and low tensile load; motor-driven reels with torque control keep the cable under constant, low tension.
- Fit a guide or level-wind that keeps the cable parallel to the reel axis to prevent crossing turns.
- Rated current falls with the number of layers on the reel because heat is not dissipated; see the layer factors below.

## 06 Selection Guide and Sizing Aid

FC-TRB-M-NSF2 covers 10 sizes. The smallest, 3×25+3G6+2×12E9 C, has an outer diameter of up to 27.5 mm and weighs about 1,360 kg/km; the largest, 3×300+3G50+2×12E9 C, has an outer diameter of up to 76.5 mm and weighs about 12,480 kg/km, 9.2 times as much. Across the range the rated current in free air rises from 131 A to 621 A at 30 °C, and the minimum bending radius from 220 mm to 612 mm.

**Example 1.** A drive draws 128 A continuously, the cable is wound in 2 layers on the reel and the ambient temperature is 40 °C. Required table current = 128 / (0.61 × 0.91) = 231 A. The smallest suitable size is 3×70+3G16+2×12E9 C with 250 A.

**Example 2.** A drive draws 284 A continuously, the cable is wound in 1 layer on the reel and the ambient temperature is 35 °C. Required table current = 284 / (0.80 × 0.96) = 370 A. The smallest suitable size is 3×150+3G25+2×12E9 C with 402 A.

| Type designation cores × mm² | Apparent power at 400 V kVA (1 layer) | Apparent power at 690 V kVA (1 layer) | Winding capacity m |
|---|---|---|---|
| 3×25+3G6+2×12E9 C | 72.6 | 125.2 | 5,490 |
| 3×35+3G6+2×12E9 C | 89.8 | 154.9 | 3,805 |
| 3×50+3G10+2×12E9 C | 112.0 | 193.1 | 2,825 |
| 3×70+3G16+2×12E9 C | 138.6 | 239.0 | 2,175 |
| 3×95+3G16+2×12E9 C | 167.4 | 288.7 | 1,555 |
| 3×120+3G25+2×12E9 C | 194.0 | 334.6 | 1,430 |
| 3×150+3G25+2×12E9 C | 222.8 | 384.3 | 1,060 |
| 3×185+3G35+2×12E9 C | 254.4 | 438.8 | 950 |
| 3×240+3G50+2×12E9 C | 299.3 | 516.3 | 630 |
| 3×300+3G50+2×12E9 C | 344.2 | 593.7 | 540 |

Apparent power S = √3 × U × I × 0.80 (one layer on the reel, 30 °C). Winding capacity is an indicative value for a reel with 2,500 mm flange diameter, 1,000 mm traverse width, core diameter equal to the minimum reel core diameter and 90 % fill; it is not a substitute for the reel manufacturer’s calculation.

## 07 Standards and Testing

| Standard | Scope |
|---|---|
| **DIN EN 60228 / IEC 60228 / VDE 0295** | Conductors, class 5 |
| **IEC 60502-1** | Insulation compound, power cables up to 1 kV |
| **DIN VDE 0298-3** | Application of cables – bending radii and tensile loads |
| **DIN VDE 0298-4** | Application of cables – current-carrying capacity |
| **DIN EN 60332-1-2 / IEC 60332-1-2** | Flame propagation, single cable |
| **DIN VDE 0298-300** | Core identification |
| **DIN VDE 0250-814** | Design reference for flexible reeling and trailing cables (NSHTÖU type) |
| **ITU-T G.652.D / IEC 60793-2-50** | Single-mode optical fibres |
| **IEC 60794-1-21** | Optical cables – mechanical test methods |
| **IEC 60811-404** | Mineral oil immersion test |

### Routine and type tests

- AC voltage test on every reel length (routine test): 2.5 kV AC (power cores); 2 kV AC (control cores)
- Conductor resistance and checks of dimensions, insulation thickness and sheath thickness
- Continuity of conductors and protective earth
- Bending, tensile and reeling torsion tests (type test)
- Flame propagation (IEC 60332-1-2)
- Optical attenuation of every fibre by OTDR after cabling (routine test); reeling and torsion tests with optical monitoring (type test)

**Test documentation:** every delivery is accompanied by a test certificate from FeiChun's own laboratory. Third-party witnessed tests can be arranged at the buyer's cost.

## 08 Installation, Marking and Delivery

### Installation guidance

- Use a spring-driven or motor-driven cable reel with a core diameter of at least twice the minimum bending radius (16 × D).
- Unwind from the shipping reel tangentially; never pull the cable over the flange of the drum, and avoid loops and kinks.
- Keep torsion within the permitted limit (±50 °/m) and tensile load within the value in the table.
- Guide the cable so that it is not run over by vehicles or crushed; inspect the sheath regularly.
- Connect all parts of the split PE conductor at both ends of the cable.
- Suitable for wet conditions; consult FeiChun for continuous immersion.

### Sheath marking

```
FEICHUN FC-TRB-M-NSF2 [cross-section] 0.6/1 kV [year] [serial no.] [metre mark]
```

### Packing and delivery

| | |
|---|---|
| **Reel** | Steel or fumigated wooden reels; cable ends sealed with heat-shrink caps |
| **Delivery length** | As ordered, in one continuous length without joints |
| **Lead time** | 2–3 weeks after technical approval |
| **Warranty** | 1 year, covering failures not caused by human factors |
| **Reel label** | Type, cross-section, length, gross/net weight, batch no., reel no. |

### Ordering information

| Field | Example | Meaning |
|---|---|---|
| **Series code** | FC-TRB-M-NSF2 | FeiChun series and sheath system |
| **Core configuration** | 3×95+3G16+2×12E9 C | Number × cross-section (mm²) of the power cores, split PE conductors (G) and control or optical elements |
| **Rated voltage** | 0.6/1 kV | $U_0$/U, AC |
| **Length and packing** | 500 m, steel reel | Delivery length in one piece; reel type on request |

**Order example: FC-TRB-M-NSF2 3×95+3G16+2×12E9 C 0.6/1 kV** – 500 m on one steel reel. When requesting a quotation, state the cable type, configuration, cross-section, voltage, length per piece, required standards and installation conditions.

## 09 Certification and Quality

All cable is subject to FeiChun's quality control, with routine testing over 100 % of the delivered length. Certificates, type tests and third-party tests (for example partial discharge or compatibility with cable accessories) are provided per project requirement; copies of the records are available on request.

The CE, EAC and UKCA certificates listed in datasheet FC-TDS-TMP-2026-9238-EN apply to the FC-TPU-M D2X11Y product group. Confirm with FeiChun that the certificate scope covers this construction before quoting it in a tender.

## 10 Related Datasheets

Variants of this cable that differ in one attribute – sheath, configuration, optical fibres or voltage. All datasheets are in PDF format.

- FC-TPU-M D2X11Y-NSF2 0.6/1 kV – 3 power cores + 3 split PE conductors + overall screen + 24 single-mode fibres G.652.D in two elements, PUR
- FC-TRB-M-KF2 0.6/1 kV – 3 power cores + 3 split PE conductors + 2 control cores + 24 single-mode fibres G.652.D in two elements, CPE rubber
- FC-TRB-M-NS 0.6/1 kV – 3 power cores + 3 split PE conductors + overall screen, CPE rubber
- FC-TPU-MA D2X11Y-NSF2 0.6/1 kV – 3 power cores + 3 split PE conductors + overall screen + 24 single-mode fibres G.652.D in two elements, PUR low-temp
- FC-TRB-M-F2 0.6/1 kV – 3 power cores + 3 split PE conductors + 24 single-mode fibres G.652.D in two elements, CPE rubber
- FC-TRB-M-NSF6 0.6/1 kV – 3 power cores + 3 split PE conductors + overall screen + 6 single-mode fibres G.652.D, CPE rubber
- FC-TCS-M-NSF2 0.6/1 kV – 3 power cores + 3 split PE conductors + overall screen + 24 single-mode fibres G.652.D in two elements, CSP rubber
- FC-TRB-M-PF2 0.6/1 kV – 3 power cores + 3 split PE conductors + 2 pilot cores 2×2.5 mm² + 24 single-mode fibres G.652.D in two elements, CPE rubber

Overview of all datasheets: Low-Voltage Port Reeling Cables 0.6/1 kV

### Frequently asked questions

**What is FC-TRB-M-NSF2 used for?**
Typical applications include converter-fed crane drives that require a screened motor supply on the reel.

**What are the outer diameter and minimum bending radius of 3×95+3G16+2×12E9 C?**
The outer diameter is 46.0 to 49.0 mm and the minimum bending radius in moving or reeling operation is 392 mm (8 × D).

**What minimum reel core diameter is needed for 3×95+3G16+2×12E9 C?**
At least 784 mm, which is twice the minimum bending radius of 392 mm. A larger core diameter extends cable life.

**What current rating applies to 3×95+3G16+2×12E9 C on a cable reel?**
The rated current in free air at 30 °C ambient is 302 A. Multiply it by 0.80 for one layer on the reel, 0.61 for two layers, 0.49 for three layers and 0.41 for four layers (DIN VDE 0298-4), and by the ambient temperature factor.

**Which optical fibres does FC-TRB-M-NSF2 contain?**
24 single-mode fibres G.652.D in two elements. 1 Gbit/s and 10 Gbit/s Ethernet up to 10 km (1000BASE-LX, 10GBASE-LR).

**How are the fibres connected on the reel?**
Through a fibre-optic rotary joint (FORJ) on the reel axis, normally combined with the power slip-ring assembly. Match the number of FORJ channels to the number of fibres in use and keep spare fibres for later expansion.

**Is this cable halogen-free?**
No. The CPE rubber sheath contains halogen. If halogen-free cables are required, select the HFFR rubber or PUR version of the same construction.

**Which cross-sections are available?**
FC-TRB-M-NSF2: 25, 35, 50, 70, 95, 120, 150, 185, 240, 300 mm². Other sizes and special designs can be produced to order.

## 11 Trademark Notice and Intellectual Property

**© 2026 Anhui FeiChun Special Cable Co., Ltd. — All rights reserved.** This document, including its drawings, tables and layout, is the intellectual property of FeiChun and is protected under the Copyright Law and the Anti-Unfair Competition Law of the People's Republic of China and the Copyright Act 1968 (Cth) of Australia. Reproduction, distribution or modification of the whole or any part without written consent is prohibited. Technical data may change without notice as part of continuous product improvement.

## Technical and commercial contacts

**Anhui FeiChun Special Cable Co., Ltd.**
International Business Department
Park No. 1, Private Science and Technology Park, Hefei National Economic and Technological Development Zone, Hefei, Anhui, China
Technical support: Tech@feichuncables.com
Mining and heavy industry: mining@feichuncables.com
Zihao Yang, Global Sales Manager: zihao.yang@feichuncables.com
WhatsApp: +86 138 5512 3218
Web: www.feichuncables.com

## Document control

**Document no.** FC-TDS-LV139-2026-98860139-EN
**Revision** 0 — first issue
**Date** 4 November 2026
**Product** FC-TRB-M-NSF2 0.6/1 kV

Prepared — Engineering | Checked — QC | Approved — International Business