MINING REELING CONTROL CABLE · MOBILE MACHINERY | 0.6/1 kV | 5 sizes | PUR low-temp

HIGH TENSILE · ARAMID BRAID

FC-MCR-A-HT 7G 0.6/1 kV

Mining Reeling Control Cable 0.6/1 kV – 7-core reeling control cable, with aramid tensile support braid, halogen-free low-temperature PUR sheath. Complete technical data sheet: construction, dimensions, weights, current ratings, standards and installation guidance for 5 sizes.

Document no. FC-TDS-MC095-2026-9748-EN · Revision 0 · Issued 2 November 2026 · Language: English

01 Application and Product Overview

FC-MCR-A-HT 7G is a 7-core reeling control cable, with aramid tensile support braid rated 0.6/1 kV for cable reels on drill rigs, LHD machines, shuttle cars and mobile mining plant. It has fine-wire class 5 copper cores with halogen-free cross-linked polyethylene (XLPE) insulation, an inner sheath and an outer sheath of halogen-free polyurethane (PUR), flame-retardant, low-temperature grade. Core cross-sections: 0.75 – 4 mm². An aramid tensile support braid between the inner and outer sheath carries the axial load; the permissible pull of the largest size is 2,090 N.

Design

7 cores in concentric layers with a short lay length and polyester binder tape. Black cores carry white numbers; the green-yellow protective core lies in the outer layer. The cores are bound with halogen-free filler and covered by an inner sheath before the outer sheath is applied. A braid of aramid yarn is applied between the inner and outer sheath. The braid is a high-modulus, low-elongation element: it takes the axial load that would otherwise stretch the copper conductors, keeps the stranded cores from lengthening and from forming loops (“bird-caging”) when the cable is released from tension on a reel, and raises the permissible working load well above the 20 N/mm² (power) or 15 N/mm² (control) copper-based rating. The permissible pull in the tables includes the braid.

Typical applications

- Control, signal and measuring circuits of drill rigs, LHD machines, shuttle cars and mobile crushers supplied through a cable reel
- Spring-driven and motor-driven cable reels on mining machines, cable handlers and conveyor take-up systems
- Operation with repeated winding, unwinding and bending within the permitted bending radius
- Wet, muddy, oily and abrasive environments typical of underground headings and open pits
- Control cabinets, junction boxes and remote-control stations of mining machinery
- Operations where the ambient temperature falls to −40 °C while the cable is in motion, such as open-pit mines and decline portals in cold climates
- Steep declines, ramps, raises and shaft installations where the cable weight or the reel tension would otherwise load the conductors; the aramid braid carries the axial load

5 sizes	0.6/1 kV	+90 °C	Halogen-free
Cross-section 0.75 – 4 mm²	Rated voltage U_0/U	Maximum conductor temperature	Sheath: PUR low-temp

Key features

- Fine-wire class 5 copper cores with insulation thickness to 0.6/1 kV for reliable operation on a reel
- Cores laid in concentric layers with a short lay length and polyester binder tape
- Number-printed black cores; green-yellow protective core in the outer layer (G types)
- Aramid tensile support braid: permissible pull up to 2,090 N in the largest size

© 2026 Anhui FeiChun Special Cable Co., Ltd.

- Halogen-free insulation and sheaths; no halogen acid gases when burned (IEC 60754-1/-2)
- Flexible in motion down to −40 °C (fixed installation −50 °C)
- Flame retardant to IEC 60332-1-2

Service notes for mining duty

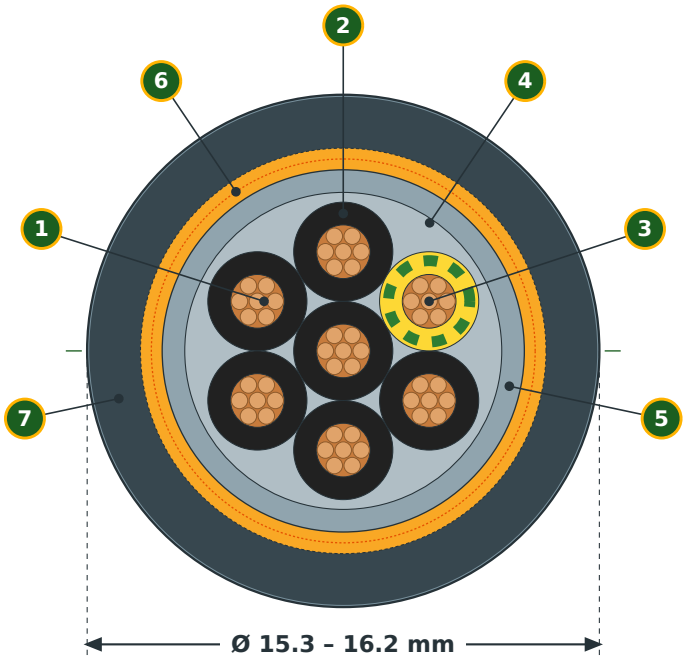
- Route control cables on the reel in a separate channel from MV or unscreened power cables, or use the screened version.
- Strip the outer sheath only as far as required for termination and seal the cable entry against water.

02 Construction

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

FC-MCR-A-HT

Sample size 7G1.5 · 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 cross-linked polyethylene (XLPE)
3	Protective (PE) core	Class 5 copper, green-yellow insulation
4	Filler and binder tape	Halogen-free compound, polyester tape
5	Inner sheath	Halogen-free polymer compound
6	Tensile support braid	Aramid yarn braid between inner and outer sheath; carries the axial load
7	Outer sheath	Halogen-free polyurethane (PUR), flame-retardant, low-temperature grade

The drawing shows size 7G1.5. 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 cross-linked polyethylene (XLPE) to IEC 60502-1, maximum conductor temperature 90 °C
Core identification	Black cores with white numbers; green-yellow protective core in the outer layer
Stranding	Cores stranded in concentric layers with a short lay length; polyester binder tape
Inner sheath	Halogen-free polymer compound, extruded tightly over the stranded cores
Tensile support braid	Aramid yarn braid, 0.67 mm thick, between the inner and the outer sheath; the braid carries the axial load
Outer sheath	Halogen-free polyurethane (PUR), flame-retardant, low-temperature grade

Sheath material

The low-temperature grade of halogen-free polyurethane (PUR) keeps the sheath flexible down to −40 °C in motion (−50 °C fixed), so the cable can be reeled and trailed at sub-zero surface temperatures without sheath cracking. It retains the abrasion, cut and tear resistance of standard PUR, resists mineral oil, UV radiation and ozone, and emits no halogen acid gases when burned. Typical use: open-pit and portal-to-decline operations in cold climates, and mines with cold intake air.

© 2026 Anhui FeiChun Special Cable Co., Ltd.

03 Electrical, Thermal and Mechanical Characteristics

Electrical data

Rated voltage U_0/U	0.6/1 kV AC
Test voltage	3.5 kV AC, 5 min
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	−50 °C to +80 °C
Ambient temperature, in motion	−40 °C to +80 °C
Minimum bending radius	Fixed: 4 × D (D ≥ 8 mm), 3 × D (D < 8 mm); moving or reeling: 6 × D (D ≤ 12 mm), 8 × D (D ≤ 20 mm), 10 × D (D > 20 mm)
Maximum tensile load	15 N/mm² on the copper cross-section plus the permissible load of the aramid support braid; the pull force of each size is in section 04 and in the tensile table
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	Yes (insulation, inner and outer sheath); IEC 60754-1/-2
UV and ozone resistance	Resistant
Mineral oil resistance	Resistant, IEC 60811-404

04 Dimensions, Weights and Rated Data – 0.6/1 kV (5 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	Current per core A	I_k (1 s) kA
7G0.75	FC-MC095-001	1.2	13.7	14.5	116	211	1,130	26.0	10	0.107
7G1	FC-MC095-002	1.4	14.3	15.2	122	238	1,220	19.5	12	0.143
7G1.5	FC-MC095-003	1.7	15.3	16.2	130	290	1,400	13.3	16	0.214
7G2.5	FC-MC095-004	2.2	16.9	17.9	144	387	1,700	7.98	22	0.357
7G4	FC-MC095-005	2.7	18.7	19.9	160	520	2,090	4.95	29	0.572

Current-carrying capacity: rated design values to DIN VDE 0298-4 for flexible cables, free air, 30 °C ambient; values per core include the derating factor for the number of cores; for other ambient temperatures, grouping or layered winding on a reel, apply the factors below. Pull force = 15 N/mm² × total copper cross-section of the power cores plus the permissible load of the aramid support braid (split out in the tensile table). 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).

© 2026 Anhui FeiChun Special Cable Co., Ltd.

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
7G0.75	14.5	116	232	47	21.1
7G1	15.2	122	244	62	23.8
7G1.5	16.2	130	260	93	29.0
7G2.5	17.9	144	288	156	38.7
7G4	19.9	160	320	249	52.0

Reel design guidance

- Minimum reel core diameter = 2 × minimum bending radius = 2 × minimum bending radius (outer diameter D).
- 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 Tensile Performance of the Aramid Support Braid

The aramid braid adds its own permissible working load to the copper-based rating. The table splits the permissible pull of every size into the copper part (15 N/mm² × copper cross-section) and the braid part, and shows how long a length of cable can hang vertically before its own weight reaches the rated pull. The braid part is a design value: aramid yarn strength 2,900 N/mm², braid efficiency 0.70 and a safety factor of 15 on the yarn strength. Introduce the load only through a cable grip or strain-relief clamp that holds the sheath and the braid.

Type designation cores × mm²	Pull, copper only N	Pull, aramid braid N	Total permissible pull N	Factor × standard	Free-hanging length m (vertical)
7G0.75	79	1,051	1,130	14.3	545
7G1	105	1,115	1,220	11.6	522
7G1.5	158	1,242	1,400	8.9	492
7G2.5	262	1,438	1,700	6.5	447
7G4	420	1,670	2,090	5.0	409

Free-hanging length = permissible pull ÷ (weight × 9.81). For hoisting, shaft suspension or lifting applications apply the safety factor required by the applicable regulations and confirm the arrangement with FeiChun.

07 Selection Guide and Sizing Aid

FC-MCR-A-HT 7G covers 5 sizes. The smallest, 7G0.75, has an outer diameter of up to 14.5 mm and weighs about 211 kg/km; the largest, 7G4, has an outer diameter of up to 19.9 mm and weighs about 520 kg/km, 2.5 times as much. Across the range the rated current per core rises from 10 A to 29 A at 30 °C, and the minimum bending radius from 116 mm to 160 mm.

Example 1. A circuit carries 10 A per core at an ambient temperature of 40 °C. Required table current = 10 / 0.91 = 11 A per core. The smallest suitable size is 7G1 with 12 A per core.

Example 2. A circuit carries 19 A per core at an ambient temperature of 35 °C. Required table current = 19 / 0.96 = 20 A per core. The smallest suitable size is 7G2.5 with 22 A per core.

Type designation cores × mm²	Total copper mm²	Cable weight kg/100 m	Winding capacity m	Free-hanging length m (vertical)
7G0.75	5.25	21.1	20,440	545
7G1	7	23.8	18,615	522
7G1.5	10.5	29.0	16,395	492
7G2.5	17.5	38.7	13,090	447
7G4	28	52.0	10,645	409

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. Free-hanging length = permissible pull ÷ (weight × 9.81); it is the length at which the cable’s own weight reaches the rated pull, without any safety factor for hoisting.

© 2026 Anhui FeiChun Special Cable Co., Ltd.

08 Engineering Profile by Size

Each size of FC-MCR-A-HT 7G with the values that matter when sizing a circuit: dimensions, weight, copper share, heat and voltage drop at rated current, and the permissible pull. Voltage drop is for 100 m of cable at rated current with conductors at 90 °C (single-phase AC or DC round trip).

Choose 7G0.75 when the load is near 10 A: the conductor resistance is 26.00 Ω/km, the overall size is Ø 14.5 mm and the weight 211 kg/km. The minimum reel core is 232 mm and the 1 s short-circuit rating 0.11 kA. Handling 7G0.75: 21.1 kg per 100 m, bending radius 116 mm; two people can lift a 20 m piece of about 4.2 kg.

7G1: Ø 15.2 mm; bend radius 122 mm; weight 238 kg/km. Voltage drop at rated current (12 A) is 59.7 V per 100 m, loss 7.2 W/m, and the cable can support 522 m of its own length vertically at the rated pull of 1,220 N. A 500 m length of 7G1 weighs about 119 kg; with a 244 mm minimum core the drum must be sized for that load.

For 7G1.5 the design values are: Ø 16.2 mm, 290 kg/km, 1,400 N permissible pull (158 N copper, 1,242 N braid), 16 A rated current. The copper accounts for 32% of the weight, and 8.7 W/m is dissipated at full load, so heat-sensitive reel layers should be derated as shown in section 04. Reel and handling: at 7G1.5 the minimum reel core is 260 mm and the cable weighs 29.0 kg per 100 m, so a 500 m length weighs about 145 kg before the drum.

For 7G2.5 the design values are: Ø 17.9 mm, 387 kg/km, 1,700 N permissible pull (262 N copper, 1,438 N braid), 22 A rated current. The copper accounts for 40% of the weight, and 9.8 W/m is dissipated at full load, so heat-sensitive reel layers should be derated as shown in section 04. Per 100 m, 7G2.5 contains 15.6 kg of copper and 23.1 kg of insulation, filler and sheath material, which sets the scrap value and the recycling split.

Size 7G4 has a maximum conductor resistance of 4.95 Ω/km, a copper content of 249 kg/km and a minimum bending radius of 160 mm (reel core 320 mm). Short-circuit capability for 1 s is 0.57 kA. Expect 36.6 V of drop per 100 m at 29 A. Handling 7G4: 52.0 kg per 100 m, bending radius 160 mm; two people can lift a 20 m piece of about 10.4 kg.

09 Configuration Guidance and Variant Comparison

Typical case: a cable handler whose control loom must survive repeated winding at 130 mm radius. For this case FC-MCR-A-HT 7G is a fit in the 7G1.5 size (Ø 16.2 mm).

The low-temperature PUR grade is for cables that must be moved below −30 °C, for example at portals and open pits in winter.

Rated 0.6/1 kV, the cable covers the common 400 V, 690 V and 1,000 V mining supplies.

In the drawn size 7G1.5 the cores fill 69% of the circle inside the inner sheath, the inner sheath is 0.7 mm thick, the aramid braid 0.67 mm and the outer sheath 1.6 mm, giving a total wall of 3.0 mm around a core bundle of Ø 9.8 mm.

The aramid braid adds 1,242 N of permissible pull in the 7G1.5 size (1,400 N total instead of 158 N), at the cost of about 1.3 mm more diameter and 8 kg/km more weight than the standard design.

FC-MCR-A-HT 7G is one of 360 datasheets in the mining reeling control cable group and one of 953 in the library. The next smaller core count, FC-MCR-A-HT 5G, has an outer Ø of 15.2 mm at 1.5 mm² against 16.2 mm here. The next larger core count, FC-MCR-A-HT 8G, measures 19.1 mm and weighs 374 kg/km (this model: 290 kg/km).

Element inventory and core layout

Element inventory of the drawn size 7G1.5: 7 elements with 10.5 mm² of copper in total. The 7 cores are stranded in 2 concentric layers (layer 1: 1 core; layer 2: 6 cores), counted from the centre outwards, each layer with a short lay length and alternating lay direction. Keeping about 15 % of the cores as spare leaves 4 usable circuits plus the protective core; plan the core allocation before ordering because the number cannot be changed after manufacture.

Element	Quantity	Cross-section	Ø over insulation mm	Copper mm²
Power / main core	6	1.5 mm²	3.1	9.0
Protective (PE) conductor	1	1.5 mm²	3.1	1.5

© 2026 Anhui FeiChun Special Cable Co., Ltd.

Termination data (indicative)

Type designation cores × mm²	Outer Ø or W × H mm	Cable gland thread	Lug / ferrule bolt	Strip length mm	Terminal row mm	Gland-to-bend straight mm
7G0.75	14.5	M25	ferrule	12	36	58
7G1	15.2	M25	ferrule	12	36	61
7G1.5	16.2	M32	ferrule	12	36	65
7G2.5	17.9	M32	ferrule	12	36	72
7G4	19.9	M32	ferrule	12	52	80

Gland, lug and terminal-row values are planning guides computed from the dimensions above; confirm them with the accessory manufacturer.

Comparison with related variants at size 7G1.5

Variant	Differs in	Outer Ø / H mm	Weight kg/km	Pull N	Current A
This datasheet FC-MCR-A-HT 7G	–	16.2	290	1,400	16
FC-MCR-U-HT 7G 0.6/1 kV	sheath	16.2 (+0%)	290 (+0%)	1,400 (+0%)	16 (+0%)
FC-MCR-S-HT 7G 0.6/1 kV	sheath	16.2 (+0%)	318 (+10%)	1,400 (+0%)	16 (+0%)
FC-MCR-A-HT 5G 0.6/1 kV	configuration	15.2 (-6%)	241 (-17%)	1,230 (-12%)	18 (+12%)
FC-MCR-A-HT 8G 0.6/1 kV	configuration	19.1 (+18%)	374 (+29%)	1,760 (+26%)	14 (-12%)
FC-MCR-A-C-HT 7G 0.6/1 kV	screen	17.2 (+6%)	349 (+20%)	1,490 (+6%)	16 (+0%)
FC-MCR-A 7G 0.6/1 kV	tensile braid	14.9 (-8%)	250 (-14%)	158 (-89%)	16 (+0%)

Percentages show the change against this datasheet for the same cross-section; use them to judge what a change of sheath, voltage class, screen or tensile braid costs in size and weight.

10 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 0293-308	Core identification
IEC 60754-1 / -2	Halogen acid gas emission when burned
IEC 60811-404	Mineral oil immersion test

Routine and type tests

- AC voltage test on every reel length (routine test): 3.5 kV AC, 5 min
- Conductor resistance and checks of dimensions, insulation thickness and sheath thickness
- Continuity of conductors and protective earth
- Bending, tensile tests (type test)
- Flame propagation (IEC 60332-1-2) and confirmation of halogen-free materials
- Tensile test of the finished cable including elongation at the rated pull, and inspection of the aramid braid coverage (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.

© 2026 Anhui FeiChun Special Cable Co., Ltd.

11 Installation, Marking and Delivery

Installation guidance

- Use a reel core diameter of at least twice the minimum bending radius; keep the cable free of loops and kinks while winding.
- Do not exceed the tensile load in the table; relieve the cable of tension at the reel hub and at the machine.
- Connect the protective core (G types) at both ends; terminate the screen 360° where fitted.
- Inspect the sheath regularly for abrasion and mechanical damage.
- Terminate the tensile braid: fix the cable with a cable grip or strain-relief clamp that holds the sheath and braid at both ends, so the braid, not the conductors, carries the load.

Sheath marking

```
FEICHUN FC-MCR-A-HT [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	At least 3 years against manufacturing defects
Reel label	Type, cross-section, length, gross/net weight, batch no., reel no.

Ordering information

Order example: FC-MCR-A-HT 7G1.5 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.

12 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.

Mine-specific approvals (for example coal-mine safety marks, MSHA, or ATEX / IECEx for gassy atmospheres) are not implied by this datasheet; they depend on the project, the machine and the country and are arranged with the end user.

13 Related Datasheets

Variants of this cable with a different sheath, configuration or voltage. All datasheets are in PDF format.

- FC-MCR-U-HT 7G 0.6/1 kV – 7-core reeling control cable, with aramid tensile support braid, PUR
- FC-MCR-S-HT 7G 0.6/1 kV – 7-core reeling control cable, with aramid tensile support braid, CSP rubber
- FC-MCR-A-HT 5G 0.6/1 kV – 5-core reeling control cable, with aramid tensile support braid, PUR low-temp
- FC-MCR-A-HT 8G 0.6/1 kV – 8-core reeling control cable, with aramid tensile support braid, PUR low-temp
- FC-MCR-A-C-HT 7G 0.6/1 kV – 7-core reeling control cable with overall tinned-copper braid screen, with aramid tensile support braid, PUR low-temp
- FC-MCR-A 7G 0.6/1 kV – 7-core reeling control cable, PUR low-temp
- FC-MCR-A-HT 4G 0.6/1 kV – 4-core reeling control cable, with aramid tensile support braid, PUR low-temp
- FC-MCR-A-HT 10G 0.6/1 kV – 10-core reeling control cable, with aramid tensile support braid, PUR low-temp

Overview of all datasheets: Mining Reeling Control Cables 300/500 V and 0.6/1 kV

Frequently asked questions

What is FC-MCR-A-HT 7G used for?
Typical applications include control, signal and measuring circuits of drill rigs, LHD machines, shuttle cars and mobile crushers supplied through a cable reel.

What are the outer diameter and minimum bending radius of 7G1.5?
The outer diameter is 15.3 to 16.2 mm and the minimum bending radius in moving or reeling operation is 130 mm (6 to 10 × D depending on diameter).

What minimum reel core diameter is needed for 7G1.5?
At least 260 mm, which is twice the minimum bending radius of 130 mm. A larger core diameter extends cable life.

What current can each core of 7G1.5 carry?
The table gives 16 A per core in free air at 30 °C ambient, already reduced for the number of cores; apply the ambient temperature factor and, on a reel, the layer factor.

© 2026 Anhui FeiChun Special Cable Co., Ltd.

How much tensile load can 7G1.5 take, and how long can it hang freely?
The permissible pull force is 1,400 N (including the aramid braid; 158 N on the copper alone). With a weight of about 290 kg/km this corresponds to a free-hanging vertical length of about 492 m before the rated pull is reached; apply your own safety factor for hoisting or suspended installations.

What does the tensile support braid add compared with the standard design?
It raises the permissible pull of 7G1.5 from 158 N to 1,400 N, a factor of 8.9, and keeps the conductors from stretching and the cores from forming loops. The cable is somewhat larger and heavier than the standard version because of the braid layer.

What is the voltage drop and heat loss of 7G1.5 at rated current?
At 16 A and a conductor temperature of 90 °C the voltage drop is about 54.3 V per 100 m and the conductor loss about 8.7 W per metre (maximum resistance 13.300 Ω/km at 20 °C).

Is this cable halogen-free?
Yes. The insulation and all sheaths are halogen-free; see section 03 for flame-retardancy and temperature data.

Which cross-sections are available?
FC-MCR-A-HT 7G: 0.75, 1, 1.5, 2.5, 4 mm². Other sizes and special designs can be produced to order.

Does this datasheet include mine-specific approvals?
No. Mine-specific approvals, such as coal-mine safety marks, MSHA or ATEX/IECEx for gassy atmospheres, depend on the project and the country and are not implied by this document. Send the requirements to FeiChun technical support.

14 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-MC095-2026-9748-EN
Revision 0 — first issue
Date 2 November 2026
Product FC-MCR-A-HT 0.6/1 kV

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

© 2026 Anhui FeiChun Special Cable Co., Ltd.