

Data sheet

**MC GC600 F1 23 Cat.6_A U/FTP 4P LSHF 500 m,
class E_{ca}**

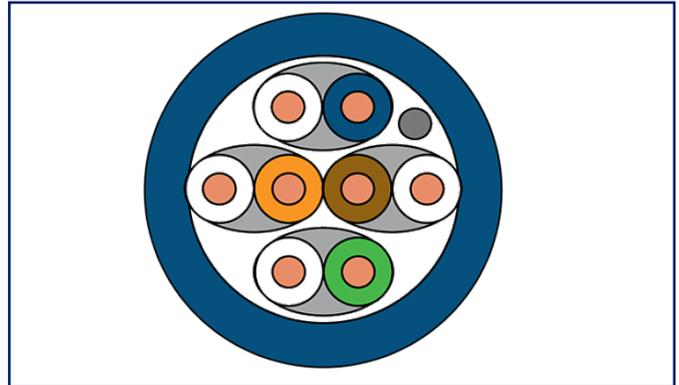
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P/N
1308436A32141
EAN 4250184175391
2025/05/12
Version: BA

Illustrations



Principle diagram



See enlarged drawings at the end of document

Product specification

- 10 GBit installation cable, simplex
- installation cable Cat.6_A, AWG 23 U/FTP with wires shielded in pairs
- 4 pairs (PIMF)
- pair shield: plastic foil with aluminum coating
- outer diameter 7.0 mm
- color of the cable jacket: blue
- coupling attenuation greater than or equal to 55 dB
- applicable standards: EN 50173-1, ISO/IEC 11801, EN 50288-5-1, IEC 61156-5 and ANSI/TIA-568.2-D
- cable jacket: LSHF (LSOH)
- flame-retardant to IEC 60332-1, IEC 60754-2 and IEC 61034
- fire behaviour: Class E_{ca} (classification acc. to EN 13501-6)
- delivery unit: on drum - 500 m/1640 ft



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Technical Data

General Data

Kabelaufbau	
Cable Type	U/FTP
Number of twisting elements	4
Twisting element	Pair
Außendurchmesser	
Cable sheath diameter	7
Cable sheath diameter	0.276

Mechanical data

Tensile force	100 N
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Brandeigenschaften

Fire load	0.203 kWh/m
Fire load	732 MJ/km

Electrical characteristics

Loop resistance	max. 145 Ohm/km
Resistance unbalance	max. 2 %
Transfer impedance 1 MHz	max. 50 mOhm/m
Transfer impedance 10 MHz	max. 100 mOhm/m
Transfer impedance 30 MHz	max. 500 mOhm/m
Coupling attenuation	min. 55 dB
Capacitance at 800 Hz	45
Capacitance unbalance pair to ground	max. 800 pF/km
Signal propagation delay	max. 500 ns/100 m
Delay skew	max. 20 ns/100 m

Materials and material properties

Material - Pair shield	plastic film
Material - Pair shield finish	Al (Aluminium)

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Technical Data

Classifications

ETIM 8.0	EC003249
ETIM 9.0	EC003249

Packing details

Type of packaging	1 meter / drum
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Technical offer data

Weight	46 kg/km
Copper index	21 kg/km

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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Accessories

P/N	Designation
140302-01-E	Jokari dismantle tool



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Accessories from

P/N	Designation
1308436A32132M	BTR GC600 F1 23 Cat.6 _A U/FTP 4P LSFH



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Principle diagram

