

**Data sheet****BTR NETCOM E-DAT cable Cat.7 S-FTP CMP**

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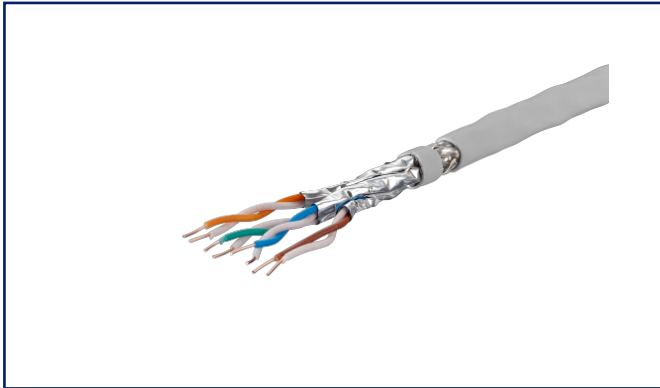
P/N

130842702P000

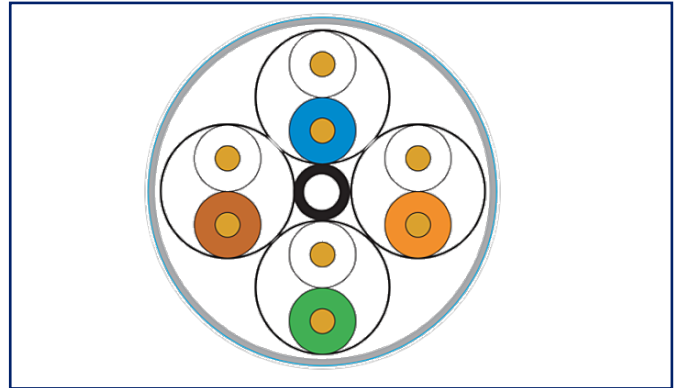
EAN 4250184115656

2023/04/26

Version: AB

**Illustrations**

Principle diagram



See enlarged drawings at the end of document

**Product specification**

- 10 GBit installation cable
- installation cable Cat.7 AWG 22 S/FTP with wires shielded in pairs
- 4 pairs (PIMF)
- pair shield: plastic foil with aluminum coating
- overall shield: tinned copper braid
- applicable standards: EN 50173-1; ISO/IEC 11801; IEC61156-5; ANSI/TIA-568.2-D
- cable sheath: low-smoke, flame retardant PVC
- variants: plenum, non-plenum



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### Technical Data

#### General Data

Fields of application	structured building cabling office areas
Design	installation cable
Shielding	shielded
Transmission technology	Copper
Cable Type	S/FTP
Number of twisting elements	4
Twisting element	Pair
Color	gray
Weight	64 lb/ft

#### Transmission characteristics

Category (ISO)	7
Category (TIA)	7
Transmission rate up to 10 GBit	IEEE 802.3an

#### Connections/interfaces

Termination data, solid wire (min. - max.)	
Conductor cross section, solid wire	AWG 22/1
Conductor cross section, solid wire	0.324 mm <sup>2</sup>
Conductor diameter, solid wire (bare copper)	0.643 mm
Conductor diameter, solid wire (bare copper)	0.025 in.

#### Electrical characteristics

Nominal velocity of propagation	78 %
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#### Materials and material properties

Material - Conductor	Cu (copper)
Material - Conductor Insulation	FEP
Material - Cable jacket	PVC
Material - Pair shield	plastic film
Material - Pair shield finish	Al (Aluminium)
Material - Main shield	Cu (copper) braid



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### Technical Data

#### Materials and material properties

Material - Main shield finish	Sn (tin)
Halogen free	yes

#### Environmental conditions

Temperature (min. - max.)	
Temperature - Storage °C	-10 °C - 60 °C
Temperature - Storage °F	14 °F - 140 °F
Temperature - Operating °C	-10 °C - 60 °C
Temperature - Operating °F	14 °F - 140 °F
Temperature - Installation °C	60 °C
Temperature - Installation °F	32 °F - 140 °F

#### Standards/Regulations

Generic cabling systems	
General requirements	ISO/IEC 11801 Ed.2.2:2011-09   ANSI/TIA-568-A

#### Classifications

ETIM 7.0	EC003249
ETIM 8.0	EC003249

#### Packing details

Type of packaging	0 meter / drum
Packaging dimension	0 mm x 0 mm x 0 mm

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### Accessories

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



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### Illustrations

Principle diagram

