

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

Page 1/5

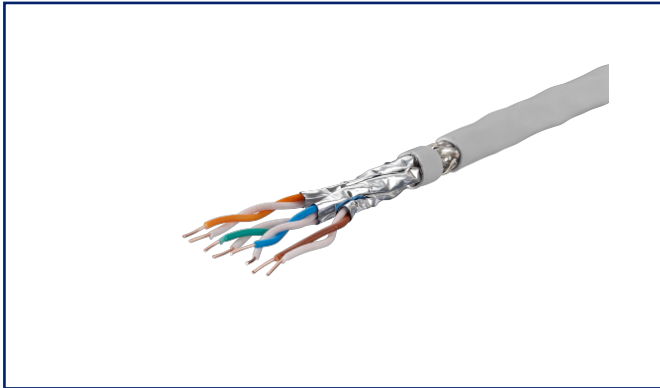
P/N

130842702R000

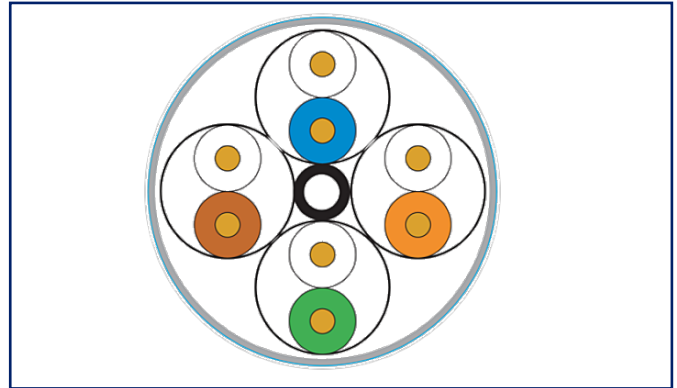
EAN 4250184119685

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



## BTR NETCOM E-DAT cable Cat.7 S-FTP CMR

P/N

130842702R000

EAN 4250184119685

2023/04/26

Version: AB

### 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

#### 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	75 %
---------------------------------	------

#### Materials and material properties

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



## BTR NETCOM E-DAT cable Cat.7 S-FTP CMR

P/N

130842702R000

EAN 4250184119685

2023/04/26

Version: AB

### Technical Data

#### Materials and material properties

Halogen free yes

#### Environmental conditions

Temperature (min. - max.)

Temperature - Storage °C -20 °C - 60 °C

Temperature - Storage °F -4 °F - 140 °F

Temperature - Operating °C -20 °C - 60 °C

Temperature - Operating °F -4 °F - 140 °F

Temperature - Installation °C 60 °C

Temperature - Installation °F 32 °F - 140 °F

#### Standards/Regulations

Generic cabling systems

General requirements ISO/IEC 11801-1 | DIN EN 50173-1:2011-09  
ANSI/TIA-568-A

#### Classifications

ETIM 5.0 EC000830

ETIM 6.0 EC000830

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

# P | Cabling

Data sheet

Page 4/5

## BTR NETCOM E-DAT cable Cat.7 S-FTP CMR

P/N

130842702R000

EAN 4250184119685

2023/04/26

Version: AB

### Accessories

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

© 2023 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!



# P | Cabling

Data sheet

## BTR NETCOM E-DAT cable Cat.7 S-FTP CMR

Page 5/5

P/N

130842702R000

EAN 4250184119685

2023/04/26

Version: AB

### Illustrations

Principle diagram

