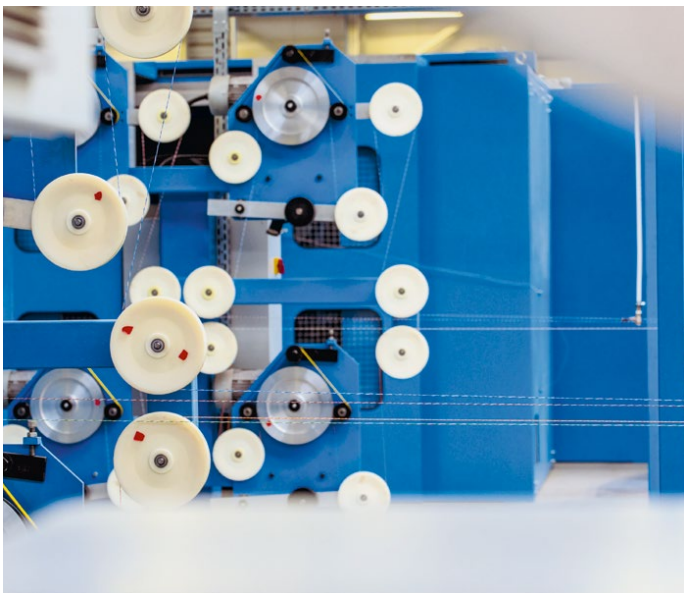
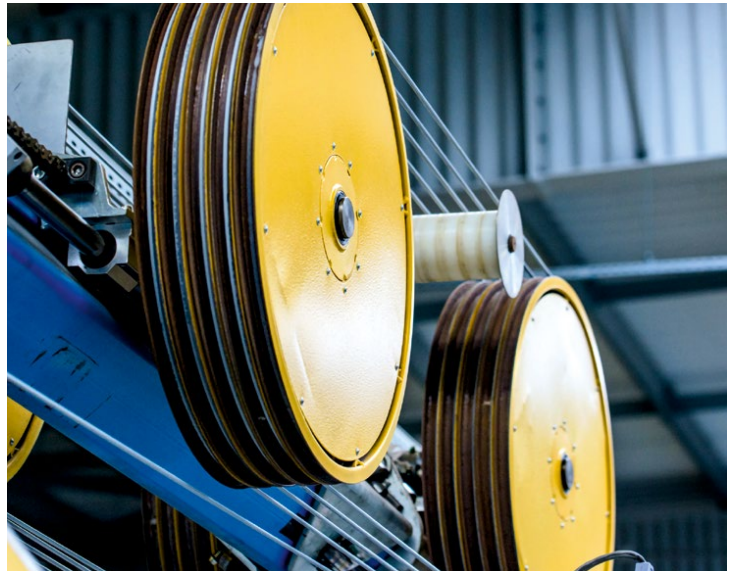
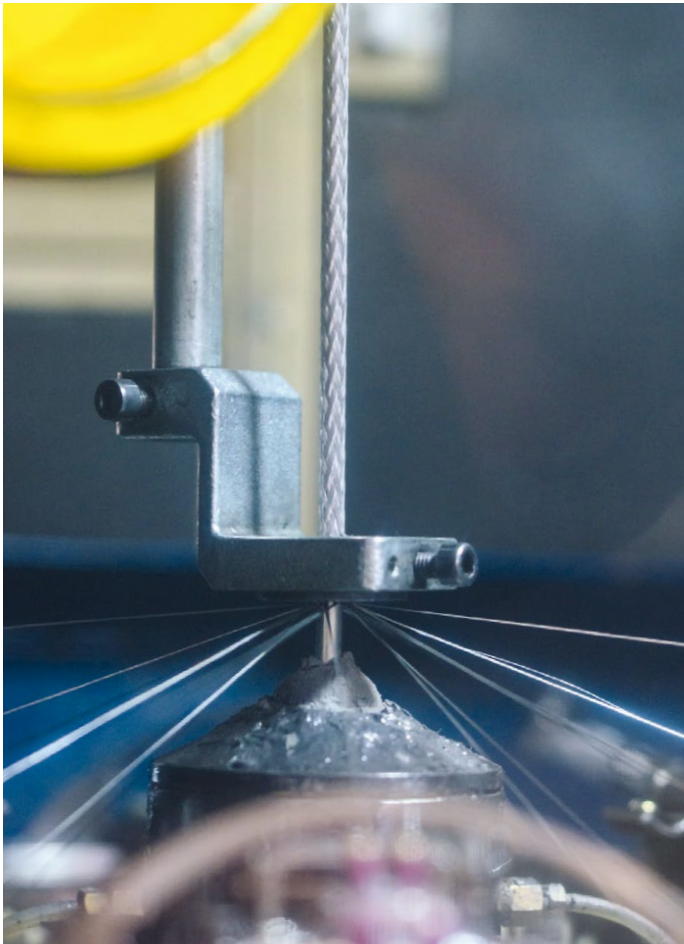
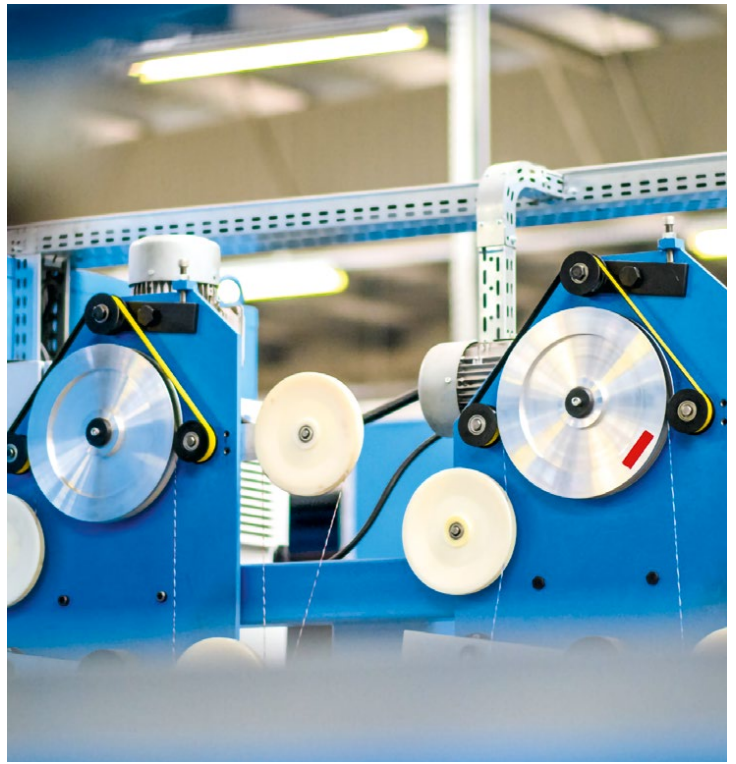
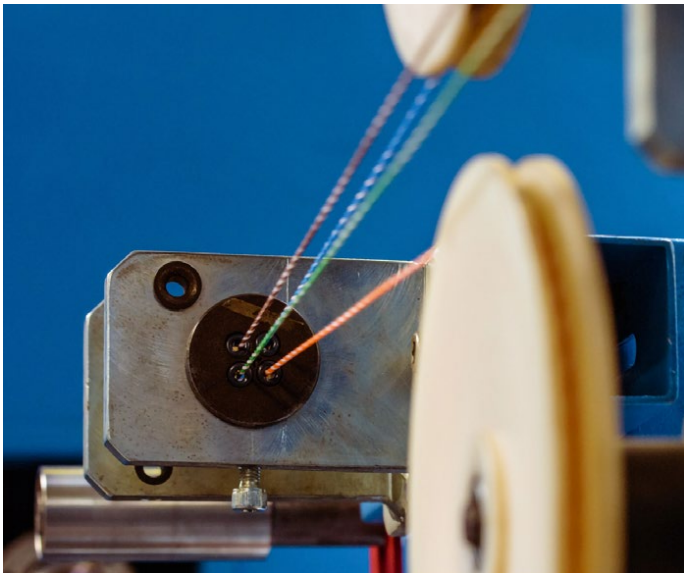


# BiTLAN®

**BiTLAN®**  
Data cables









# About us



**Cable Factory BITNER has been operating on the cable and wire market since 1996. Nowadays we offer over 40,000 items divided into several cable groups and our extensive product portfolio enables us to handle a wide range of investments in a comprehensive way.**

We have been improving production processes and developing warehouse premises concomitantly relying on solid knowledge, well-established practical experience and up-to-date technologies since Cable Factory BITNER was established. We are ISO 9001 and ISO 14001 certified and our cables comply with required national or international standards.

To meet the market needs, Cable Factory BITNER expanded the range of produced cables with a group of BiTLAN® - data cables designed to be used within computer networks and dedicated to data, audio and video signal transmission. Construction diversity of BiTLAN® cables allows us to use those in places where elimination of electromagnetic interferences is of top importance. Cables classified according to **EN 50575 (CPR)**.







# BiTLAN®

## BiTLAN® family

5e  
★

U/UTP cat.5e 200 MHz  
F/UTP cat.5e 200 MHz  
U/UTP cat.5e 200 MHz LSOH  
F/UTP cat.5e 200 MHz LSOH  
U/UTP cat.5e outdoor 200 MHz  
U/UTPs cat.5e outdoor 200 MHz  
U/UTPf cat.5e outdoor 200 MHz  
U/UTPs cat.5e outdoor 200 MHz  
F/UTP cat.5e outdoor 200 MHz  
F/UTPs cat.5e outdoor 200 MHz  
F/UTPf cat.5e outdoor 200 MHz  
U/UTP PATCHCORD cat.5e  
F/UTP PATCHCORD cat.5e

6  
★  
★

U/UTP cat.6 350 MHz  
F/UTP cat.6 350 MHz  
U/FTP cat.6 350 MHz  
U/UTP cat.6 350 MHz LSOH  
F/UTP cat.6 350 MHz LSOH  
U/FTP cat.6 350 MHz LSOH  
F/FTP cat.6 350 MHz LSOH  
U/UTP cat.6 outdoor 350 MHz  
U/UTPf cat.6 outdoor 350 MHz  
F/UTP cat.6 outdoor 350 MHz  
U/UTP cat.6 DUPLEX 350 MHz LSOH

6A  
★  
★  
★

U/FTP cat.6A 500 MHz  
F/FTP cat.6A 500 MHz  
S/FTP cat.6A 500 MHz  
U/UTP cat.6A 500 MHz LSOH  
U/FTP cat.6A 500 MHz LSOH  
F/UTP cat.6A 500 MHz LSOH  
F/FTP cat.6A 500 MHz LSOH  
S/FTP cat.6A 500 MHz LSOH  
S/FTP cat.6A outdoor 500 MHz  
U/FTP cat.6A DUPLEX 500 MHz LSOH

7

S/FTP cat.7 1000 MHz LSOH  
S/FTP cat.7 outdoor 1000 MHz

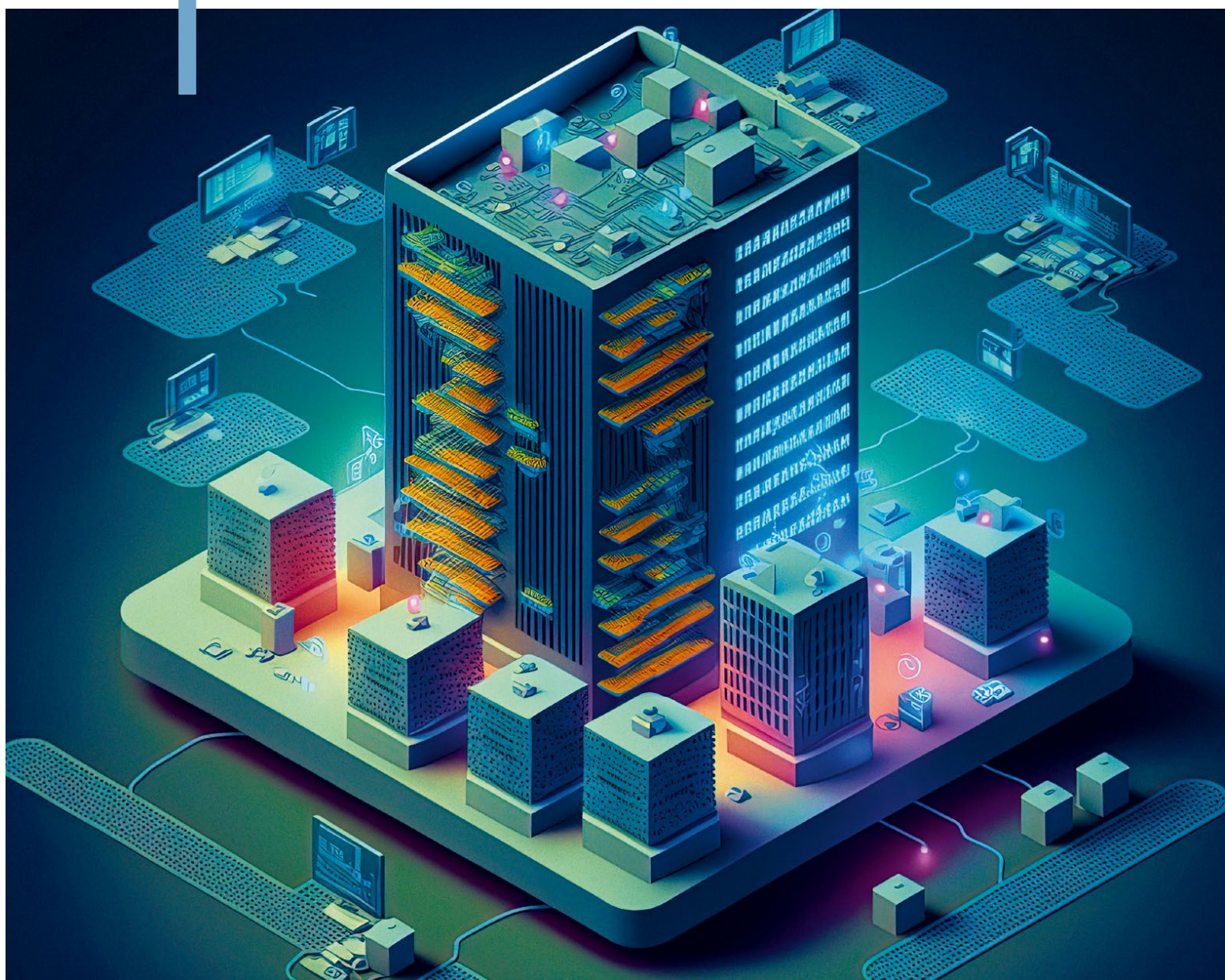
7A

S/FTP cat.7A 1200 MHz LSOH

B2ca

U/UTP cat.6 350 MHz LSOH **B2ca**  
U/FTP cat.6A 500 MHz LSOH **B2ca**  
F/FTP cat.6A 500 MHz LSOH **B2ca**  
S/FTP cat.7A 1200 MHz LSOH **B2ca**

The BiTLAN® cables are suitable for application in telecommunication systems that enable connected devices to share data and resources seamlessly through high speed internet connection. The cables meet the highest requirements in accordance with the standard for structured cabling systems, thus can be used for application inside the buildings, as well as in industrial networks exposed to external electromagnetic interference. The BiTLAN® cable family can be used in both external and internal conditions, or can be buried directly in the ground. For installation in public facilities, where strict safety requirements are to be met, cables with B2ca CPR class have been designed.





BiTLAN® data cables  
description

Outer sheath

Polyvinyl compound	PVC
Low Smoke Zero Halogen compound	LSOH
UV resistant polyethylene compound	PE UV
UV resistant polyvinyl compound	PVC UV

Cable description

unscreened	U
foil screen	F
tinned copper wire braid screen	S
foil screen and tinned copper wire braid screen	SF
jelly-filled	f
steel supporting element	s

Frequency / category

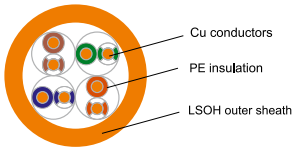
frequency band up to 200 MHz	cat.5e
frequency band up to 350 MHz	cat.6
frequency band up to 500 MHz	cat.6A
frequency band up to 1000 MHz	cat.7
frequency band up to 1200 MHz	cat.7A

BiTLAN® products

unscreened twisted pairs	U/UTP
twisted pairs in overall foil screen	F/UTP
unscreened twisted pairs; cable filled with moisture barrier in a form of jelly-filling	U/UTPf
twisted pairs in overall foil screen, with moisture barrier in a form of jelly-filling	F/UTPf
unscreened twisted pairs; cable with steel supporting element and moisture barrier in a form of jelly-filling	U/UTPfs
twisted pairs screened with foil; cable with steel supporting element and moisture barrier in a form of jelly-filling	F/UTPfs
unscreened twisted pairs; cable with steel supporting element	U/UTPs
twisted pairs in overall foil screen; cable with steel supporting element	F/UTPs
twisted pairs screened individually with foil	U/FTP
twisted pairs screened individually with foil and in overall foil screen	F/FTP
twisted pairs in tinned copper wire braid screen	S/UTP
twisted pairs in overall foil and tinned copper wire braid screen	SF/UTP
twisted pairs screened individually with foil and in overall tinned copper wire braid screen	S/FTP
twisted pairs screened individually with foil and in overall foil and tinned copper wire braid screen	SF/FTP

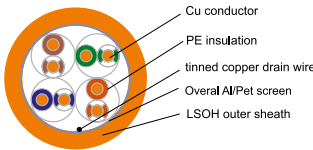
www.bitner.com.pl

BiTLAN® U/UTP cat.5e 200 MHz  
LSOH or PVC sheathed



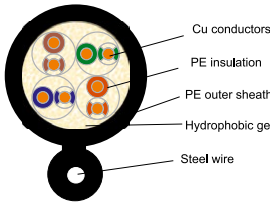
Data transmission cable

BiTLAN® F/UTP cat.5e 200 MHz  
LSOH or PVC sheathed



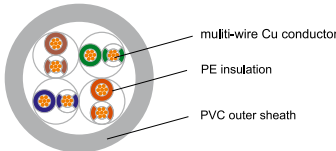
Data transmission cable, screened

BiTLAN® U/UTPfs cat.5e outdoor 200 MHz  
PE sheathed



Data transmission cable suitable for external application, jelly filled with self-supporting element

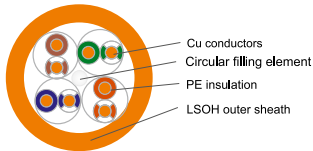
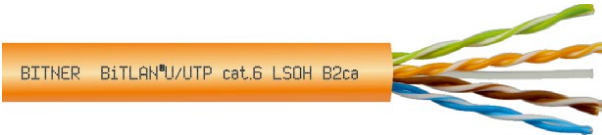
BiTLAN® U/UTP PATCHCORD cat.5e  
PVC sheathed



Data transmission patchcord cable

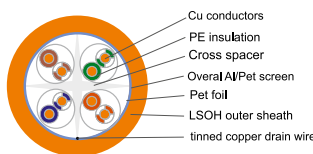
B2ca

BiTLAN® U/UTP cat.6 350 MHz  
LSOH or PVC sheathed



Data transmission cable

BiTLAN® F/UTP cat.6 350 MHz  
LSOH or PVC sheathed



Data transmission cable, screened

Outer sheath

Polyvinyl compound	PVC
Low Smoke Zero Halogen compound	LSOH
UV resistant polyethylene compound	PE UV
UV resistant polyvinyl compound	PVC UV

Cable description

unscreened	U
foil screen	F
tinned copper wire braid screen	S
foil screen and tinned copper wire braid screen	SF
jelly-filled	f
steel supporting element	s

Frequency / category

frequency band up to 200 MHz	cat.5e
frequency band up to 350 MHz	cat.6
frequency band up to 500 MHz	cat.6A
frequency band up to 1000 MHz	cat.7
frequency band up to 1200 MHz	cat.7A

BiTLAN® products

unscreened twisted pairs	U/UTP
twisted pairs in overall foil screen	F/UTP
unscreened twisted pairs; cable filled with moisture barrier in a form of jelly-filling	U/UTPf
twisted pairs in overall foil screen, with moisture barrier in a form of jelly-filling	F/UTPf
unscreened twisted pairs; cable with steel supporting element and moisture barrier in a form of jelly-filling	U/UTPfs
twisted pairs screened with foil; cable with steel supporting element and moisture barrier in a form of jelly-filling	F/UTPfs
unscreened twisted pairs; cable with steel supporting element	U/UTPs
twisted pairs in overall foil screen; cable with steel supporting element	F/UTPs
twisted pairs screened individually with foil	U/FTP
twisted pairs screened individually with foil and in overall foil screen	F/FTP
twisted pairs in tinned copper wire braid screen	S/UTP
twisted pairs in overall foil and tinned copper wire braid screen	SF/UTP
twisted pairs screened individually with foil and in overall tinned copper wire braid screen	S/FTP
twisted pairs screened individually with foil and in overall foil and tinned copper wire braid screen	SF/FTP

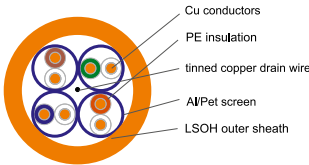
# BiTLAN®

## BiTLAN® U/FTP cat.6 350 MHz

LSOH or PVC sheathed



Data transmission cable, screened

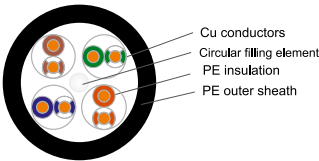


## BiTLAN® U/UTP cat.6 outdoor 350 MHz

PE sheathed



Data transmission cable suitable for external application



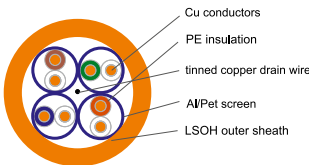
B2ca

## BiTLAN® U/FTP cat.6A 500 MHz

LSOH or PVC sheathed



Data transmission cable, screened



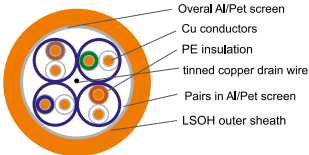
B2ca

## BiTLAN® F/FTP cat.6A 500 MHz

LSOH or PVC sheathed



Data transmission cable, screened

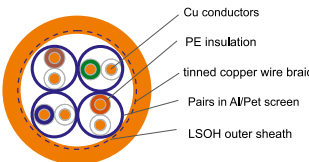


## BiTLAN® S/FTP cat.6A 500 MHz

LSOH or PVC sheathed

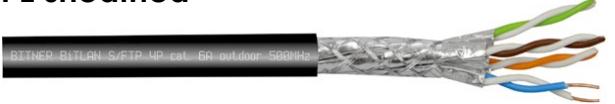


Data transmission cable, screened

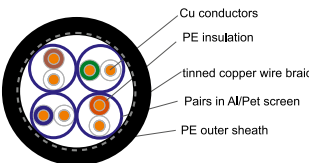


## BiTLAN® S/FTP cat.6A outdoor 500 MHz

PE sheathed



Data transmission cable suitable for external application



BiTLAN® data cables  
description

Outer sheath

Polyvinyl compound	PVC
Low Smoke Zero Halogen compound	LSOH
UV resistant polyethylene compound	PE UV
UV resistant polyvinyl compound	PVC UV

Cable description

unscreened	U
foil screen	F
tinned copper wire braid screen	S
foil screen and tinned copper wire braid screen	SF
jelly-filled	f
steel supporting element	s

Frequency / category

frequency band up to 200 MHz	cat.5e
frequency band up to 350 MHz	cat.6
frequency band up to 500 MHz	cat.6A
frequency band up to 1000 MHz	cat.7
frequency band up to 1200 MHz	cat.7A

BiTLAN® products

unscreened twisted pairs	U/UTP
twisted pairs in overall foil screen	F/UTP
unscreened twisted pairs; cable filled with moisture barrier in a form of jelly-filling	U/UTPf
twisted pairs in overall foil screen, with moisture barrier in a form of jelly-filling	F/UTPf
unscreened twisted pairs; cable with steel supporting element and moisture barrier in a form of jelly-filling	U/UTPfs
twisted pairs screened with foil; cable with steel supporting element and moisture barrier in a form of jelly-filling	F/UTPfs
unscreened twisted pairs; cable with steel supporting element	U/UTPs
twisted pairs in overall foil screen; cable with steel supporting element	F/UTPs
twisted pairs screened individually with foil	U/FTP
twisted pairs screened individually with foil and in overall foil screen	F/FTP
twisted pairs in tinned copper wire braid screen	S/UTP
twisted pairs in overall foil and tinned copper wire braid screen	SF/UTP
twisted pairs screened individually with foil and in overall tinned copper wire braid screen	S/FTP
twisted pairs screened individually with foil and in overall foil and tinned copper wire braid screen	SF/FTP

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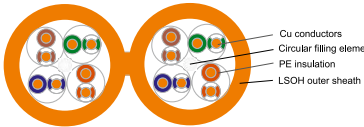
DUPLEX

BiTLAN® U/UTP cat.6 DUPLEX 350 MHz LSOH

LSOH sheathed



Double halogen-free, data transmission cable



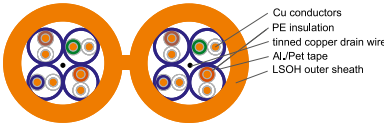
DUPLEX

BiTLAN® U/FTP cat.6A DUPLEX 500 MHz LSOH

LSOH sheathed



Double halogen-free, data transmission cable



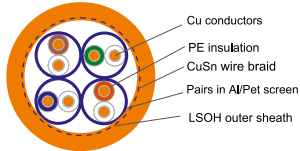
7

BiTLAN® S/FTP cat.7 1000 MHz LSOH

LSOH sheathed



Halogen-free, data transmission cable, screened



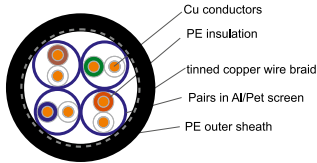
7

BiTLAN® S/FTP cat.7 outdoor 1000 MHz

PE sheathed



Data transmission cable suitable for external application



B2ca

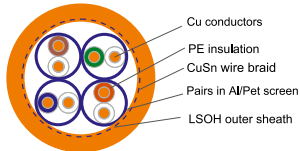
7A

BiTLAN® S/FTP cat.7A 1200 MHz LSOH

LSOH sheathed



Halogen-free, data transmission cable, screened



Note

Other sheath colours available on customer's request

Packaging



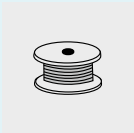
box  
305 m



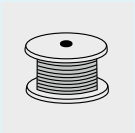
pallet 10 980 m  
(36x305 m)



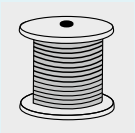
pallet 9 150 m  
(30x305 m)



plywood reel  
305 m



plywood reel  
500 m



plywood reel/  
drum 1000 m

Cardboard boxes, coils, plywood reels and wooden drums are used for packaging of our BiTLAN® cables.



# Contact us

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[www.bitner.com.pl](http://www.bitner.com.pl)

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and Benelux

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