

VELKOMMEN

WEBINAR

Tirsdag 11. november 10.00



Mange montører bruger unødvendig tid på fejlvalg af bokse og muffer.

På kun 30 minutter bliver du klædt på til at minimere spildtid og fejlinstallationer!

Lær at vælge de bokse og muffer, der gør dit arbejde hurtigere og mere effektivt. CommScope og Alcadon deler erfaringer, konkrete tips og giver dig overblikket!



John Porsborg
Business manager FTTH
CommScope

WEBINAR

online

Tirsdag 11. november

kl. 10.00-10.30

AGENDA

- Sådan vælger du rigtigt blandt CommScopes bokse og muffer til FTTx
- Cases fra den virkelige verden
- Q&A

Stil gerne spørgsmål i chatten undervejs!

Læs mere og tilmeld dig her:

www.alcadon.dk/tilmeld/commscope25



Morten Strøhemann
Head of Procurement &
Inside Sales
Alcadon





MORTEN CHI STRØHEMANN

Head of Procurement & Inside Sales
I branchen siden 2013

Agenda

1. Kort intro til Alcadon og CommScope
2. Vælg den rette fiberløsning fra start
3. De 3 vigtigste take aways!
4. Spørgsmål & svar
5. Farvel & gave

Spørgsmål er velkomne i chatten

(Hvis tiden er knap, vender vi tilbage til dig bagefter.)



Alcadon Group

- Produkter og løsninger siden 1988
- Aktiviteter i 8 europæiske lande
- Vi vil være din foretrukne leverandør af udstyr til FTTx, datacentre og industri

FØRENDE BRANDS. INKLUSIV:

COMMScope®

NETCONNECT®

SYSTIMAX®

NOVUX®

Propel™

....OG MANGE FLERE



JOHN PORSBORG

Business manager FTTH, CommScope
I branchen siden 1996



COMMScope®

SPAR TID, TJEN PENGE: Vælg den rette fiberløsning fra start

11. November 2025

John T. Porsborg
john.porsborg@commscope.com

Spørgsmål om dig

Hvilken rolle har du i dag?

- ☐ Montør/Tekniker
- ☐ Projektleder
- ☐ Indkøbschef/indkøbsansvarlig
- ☐ Andet



MDU/Etage-ejendomme Product Overview

HFTP (Vægudtag)



Kabler-drop

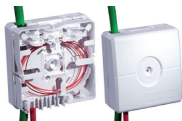
2F indendørs Dca 4mm



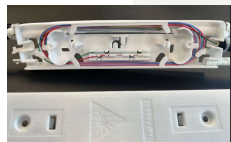
Pre-termineret (SC/LC)



Etage/kanal bokse



IFDB-S



IFDB-2 (4F)

NEW

NEW

Retractable cables



1F units or
2F units
(12F, 24F, 48F)

NEW

Splice/patch bokse

IFEB

INDOOR only



BUDI

In/outdoor



Gadeskab udendørs

IP68 muffer



FIST IP68 splice closures (SOSA trays)

[Retur til forside](#)

FIST-GCO2 IP68 – gel seal plugs (or heat shrink) f/SOSA trays

FIST-GCO2-BX

BC

BD

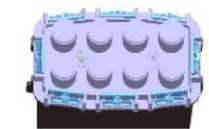
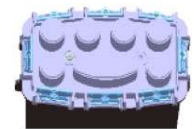
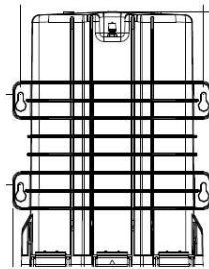
BE



FIST-GCO2-FX

FC

FD



GCO2 gel seals



FIST-SOSA tray system



FIST-MSC IP68 – Wrap around gel seals f/SOSA trays



BUDI IP54 Indoor/outdoor splice/patch box

[Retur til forside](#)

PRE-MONTEREDE KIT (Fra Alcadons produktionsafdeling) SPARER TID !!

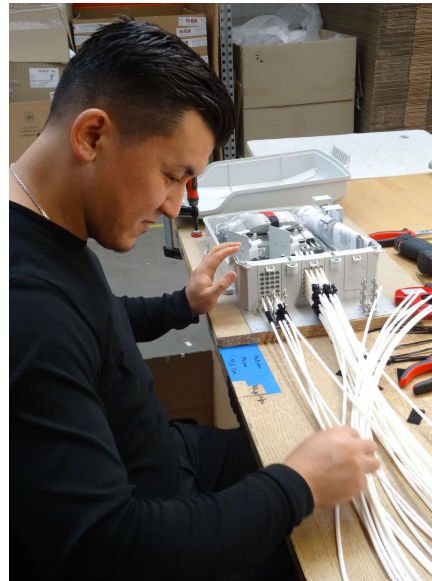
BUDI pre-monteret kit i gadeskab fra etage installation



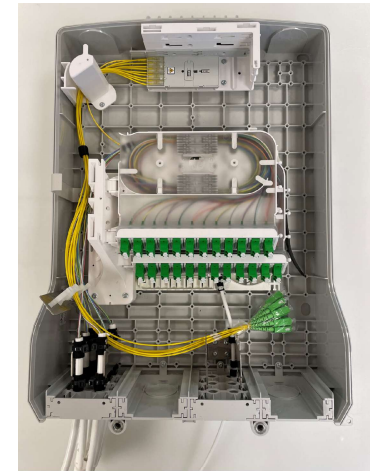
BUDI EPFU KIT (fiber grow out secured)



BUDI med 5mm rør monteret



BUDI PON (w/splitters)



Spørgsmål om dig

Har du/I opgaver i etageejendomme?

☐ Ja

☐ Nej

☐ Det ved jeg ikke



IFEB* **INDOOR** splice/patch box (NOT SOSA)

* IFEB = INDOOR Fibre Entrance Box

NEW

From same BUDI moulds – + one extra size
Pure INDOOR (**Not outdoor or UV rated**)

New size



- Simpler and faster installation
- Self hinged splice trays
- More splice capacity in less space
- Plastics for indoor use only so lower cost
- RAL 9010 Pure White
- UL-V0 certified
- LSZH compliant to IEC 61249-2-21

Product has been designed to meet the following: -

- Category C (indoor controlled environments as characterized by IEC 61753-1 Ed.2)
 - Operating temperature –10 °C to +60 °C
 - Installation temperature range: -5°C and +45°C
 - Relative humidity 5 % RH to 93 % RH
 - Weather protected, partly temperature-controlled locations.
 - Typically, within an office, home, building, indoor garage, cellar, equipment room or telecommunication centre. Not subjected to condensed water.
- IP 5x – IEC61753-1 Ed.2 calls for IP3x.
- IP x4 – Added to requirements, not required for indoor boxes according to IEC.
- Impact – 1kg mass, 0.2mtr (approx. IK04)
- Fibre cable / retention – 25N per cable > ø3.0mm, 15N < ø3.0mm
- Reduced UV resistance compared to BUDI (no direct sunlight, behind window is okay)

IFEB* **INDOOR** splice/patch box (NOT SOSA)

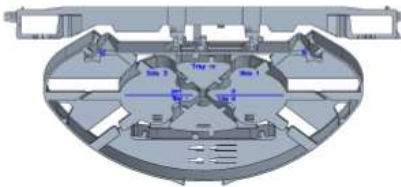
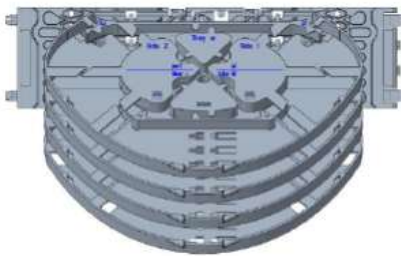
* IFEB = **I**NDOOR **F**ibre **E**ntrance **B**ox

[Retur til forside](#)

New splice tray system

FIST-SOSA

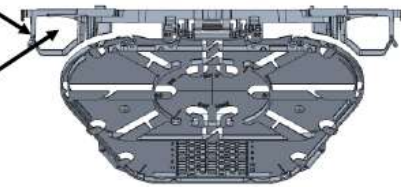
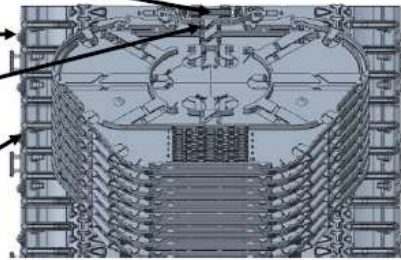
CURRENT



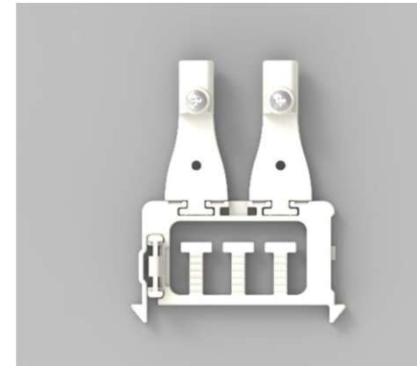
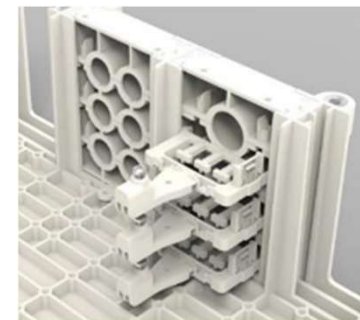
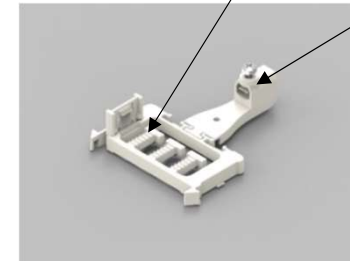
IFEB tray

NEW

- 1 Kickstand
- 2 More space, faster routing
- 3 Cross on tray
- 4 Side entry fibre "V"
- 5 Split fibre channel
- 6 More fibre storage



Indoor specified Cable retention
(kappe og center element)



IFEB* **INDOOR** splice/patch box (NOT SOSA)

* IFEB = INDOOR Fibre Entrance Box

[Retur til forside](#)

New drop/small cable seals

COMMSCOPE®

Cable Seal – Drop Cables

One seal for all drop cables.

PTS, 24x5 and 24x7 have been replaced.

Modular design, stackable to suit the different box heights

Rubber Seal – allows for IP50 sealing on cables from 1.5mm to 7mm.

Cable tie cable fixation supplied as part of cable seal.

Possible to mount 2 cables up to 3.0mm diameter in each seal port

IFEB 20



IFEB 30



IFEB 40



IFEB 50



16 port capacity
1.5 to 7mm cables
Integrated CTU on rear for cable ties
Modular seal – level by level – 4/8 cables
(8 in case <3mm)
Rubber interface
Diaphragm grommet

24 port capacity
1.5 to 7mm cables
Integrated CTU on rear for cable ties
Modular seal – level by level – 4/8 cables
(8 in case <3mm)
Rubber interface
Diaphragm grommet

32 port capacity
1.5 to 7mm cables
Integrated CTU on rear for cable ties
Modular seal – level by level – 4/8 cables
(8 in case <3mm)
Rubber interface
Diaphragm grommet

IFEB **INDOOR** splice/**patch** box (NOT SOSA trays)

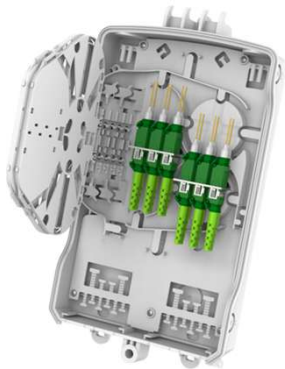
Retur til forside

IFEB TP: Preterminated/Patch

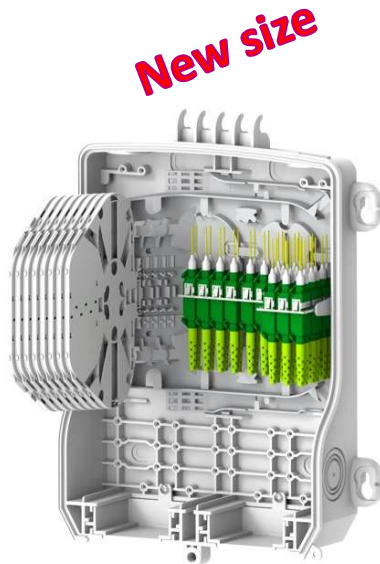
NEW

From same BUDI moulds – (+ one extra size)
Pure INDOOR (**Not outdoor or UV rated**)

Feeder cable is spliced to a pigtail and patched to a pre-terminated drop cable.



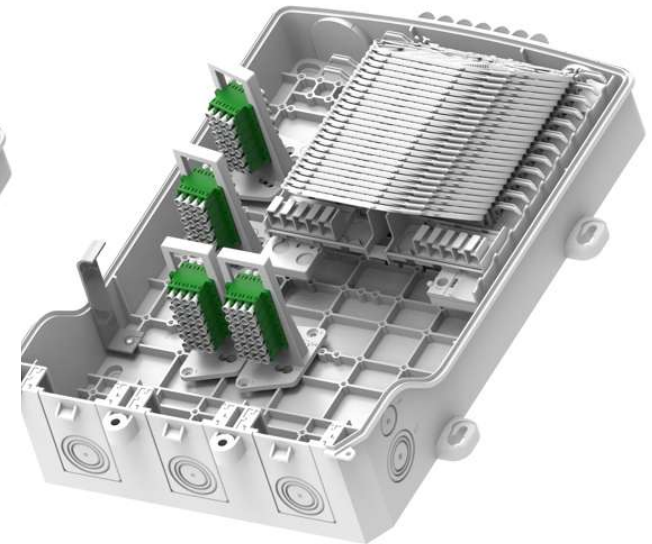
IFEB-10TP



IFEB-20TP



IFEB-30TP



IFEB-40TP

IFEB vs. BUDI

Pros and Cons (compare BUDI with IFEB)

[Retur til forside](#)

	BUDI	IFEB
IP GRAD	IP54	IP54
UV SIKRET	JA	NEJ
TEMP.	−40 °C to +60 °C	−10°C to +60°C
IMPACT	IK08	IK04
LSZH	JA	JA
FARVE	RAL7035	RAL9010
FIST-SOSA	JA	NEJ
AFLASTNING	25N/ø<3mm	1.5N/ø<3mm
PRIS	\$\$\$	\$\$

Retractable/riser cables *(COMING/NEW)*

[Retur til forside](#)

Riser/retractable kabler

12F, 24F, 48F (G.657.A1 fibre)

1F pr. unit eller 2F pr. unit

ø= 8-8,5mm

Hvid, LSZH - CPR Dca (som minimum)

Cable cross section

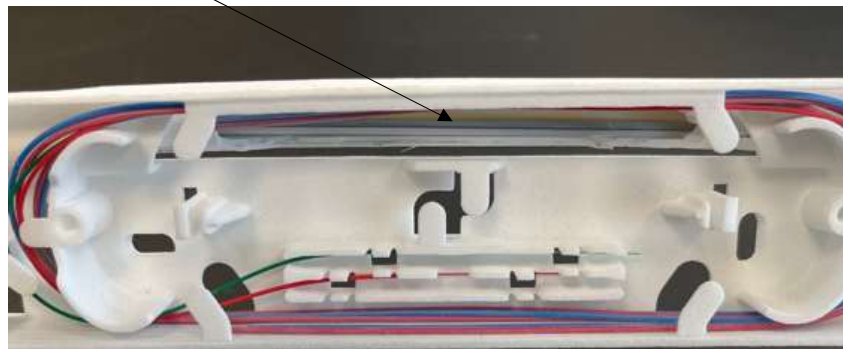
Mini-breakout



Mini-bundle



Vindues snit i riser kabel – træk fiber tilbage til IFDB-2 splidse boks



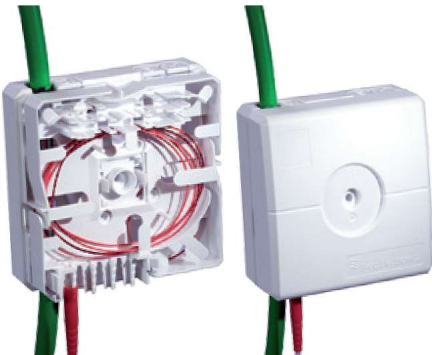
ETAGE/KANAL splidse Bokse

[Retur til forside](#)

IFDB-S

L= 80mm, D= 35mm, B = 80mm

CK6000-000 | IFDB-S-U-NN-1



NEW/COMING
IFDB-2

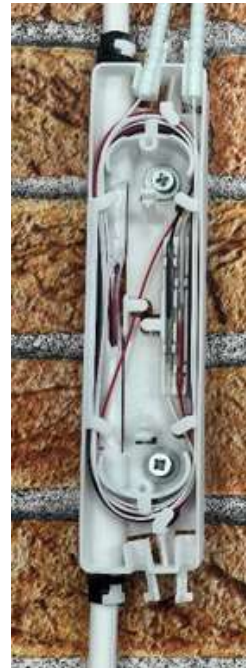
L= 189mm, D= 19.5mm, B = 36mm

Feeder Port: 1 x 9.0mm

Drop Ports (4): 2 x 5.0mm Top and bottom

Drops ports can accept **cable** and can be secured using external cable ties **or** Fibre Optical Protection Tubing (FOPT) 5.0mm that is retained via internal features.

Bend radius accepting both G657.A1 and A2 fibres



COMMScope®

Fibre types guaranteed for IFDB-2

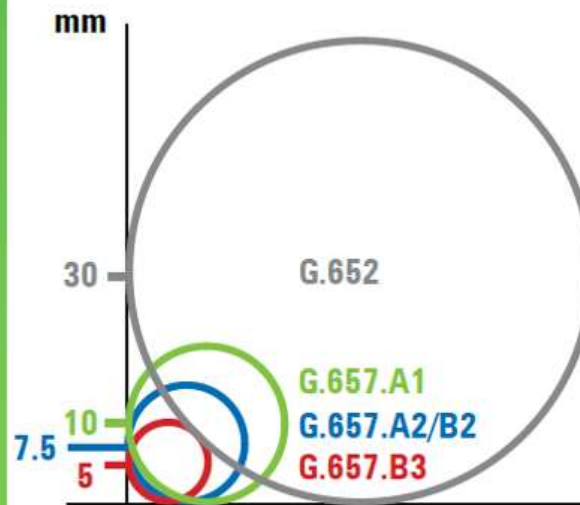
HUSK LEVETID for FIBRE !

COMMSCOPE™

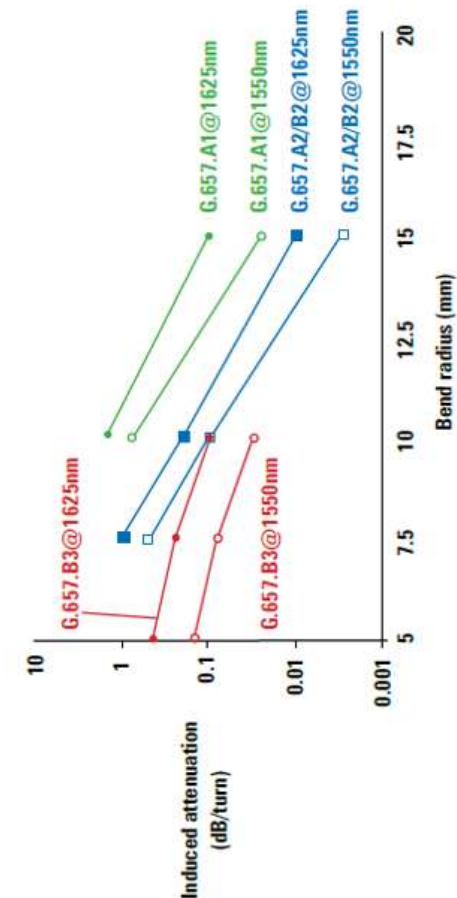
Fibre Types ITU-T Recommendations

The diagrams shows the recommended bend radius required within fibre containment to ensure both IL and RL will remain stable up to and including 1625nm wavelengths.

The Commscope concept has a internal dimension of 27.9mm which means both G.657 A1 & A2 fibre types can be used and will remain stable over time



Relevant specified bending radii for ITU-T G.652 and ITU-T G.657

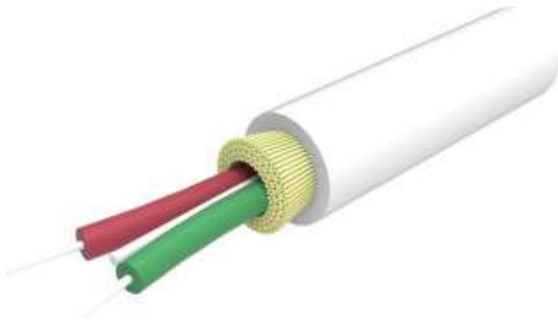


Macrobending loss limits for ITU-T G.657 fibres

Kabler og drop kabler

Inden/udendørs drop kabel (på tromle)

2 Fiber, Singlemode G.657.A1, $\phi=4\text{mm}$, Gel-fri,
Hvid kappe, Dca CPR rating (med 2 x900my semi tight), 2km
tromle
(Træk = 1200N), -30 °C to +60 °C



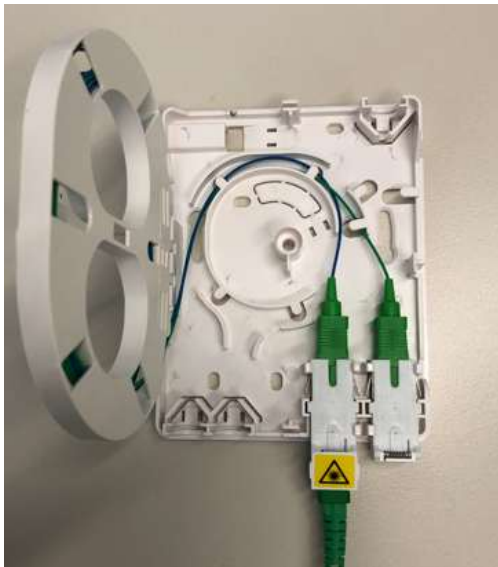
Indendørs drop kabler/pigtails (eller patch).

1F eller 2F (ca 3mm)
Med LC/APC eller SC/APC
Dca CPR rating, LSZH Hvid



Vægudtag - fiber

- HFTP-AM (hvidt)
- Fiber vægudtag for op til 2x SC eller 4 x LC
- Lavet af selv-slukkende ABS UL V-0 (LSZH thermoplastic)
- Kompakt design (105x85x25mm)
- Kit inkl. adapter(e) +pigtail(s)

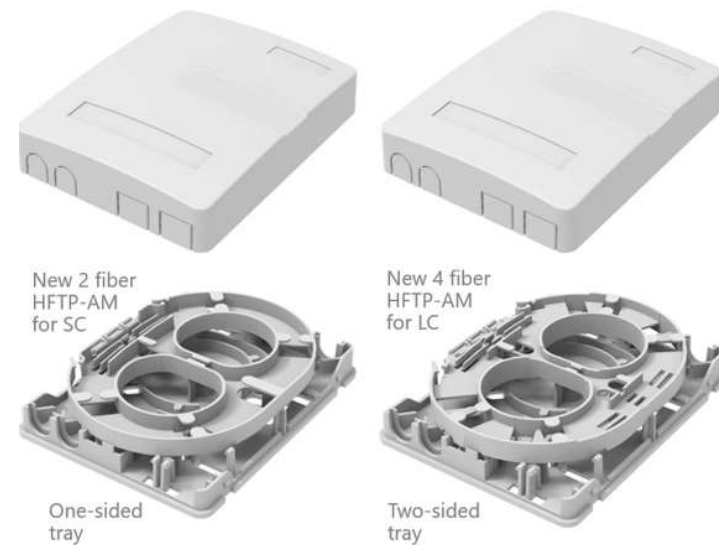


MID 760249279 HFTP-AM-S211-E

Inkl. 1x SC/APC adapter (med støvlåg) + 1x SC/APC pigtail

760256173 HFTP-AM-L221-E

Inkl. 1x LC/APC duplex adapter (med støvlåg) + 2x LC/APC pigtails



3 VIGTIGE PUNKTER

1. Øget tidsforbrug i hvert element øger samlet kost → "Godt med småt" – men skal også være installationsvenligt

→ Fx. ved kvejl af eksakt længde (eksakt tilpasset fiber) vs. fleksibel kvejl i små bokse

2. Bøjningsradius tænkes som mindre problem ved "nye" fibre (G657.A2 fx) MEN stadig ses IL/optisk tab og reduceret levetid for fibre som udfordring (koster tid ved fejlretning/om-splidsning)

→ Tænkes ind i design af produkter/løsning (15mm bøjnings radius er bedre end fx. 10mm – og HUSK længde af kvejl med lille radius også betyder noget for tab og levetid)

3. Komponent kost vs. projektering/planlægning – det er vigtigt at vide at besparelse ved produkt kan koste tid ifht. planlægning/projektering

→ Så selv om det lyder som en kliché så tænk SAMLET KOST

Q&A

Vi besvarer spørgsmål fra chatten

TAK

**Vil du have en lille ekstra julegave fra
CommScope og Alcadon?**

Bliv hængende, besvar spørgeskemaet og udfyld
dit navn og adresse (det tager kun 1 minut).

Tak fordi du deltog!