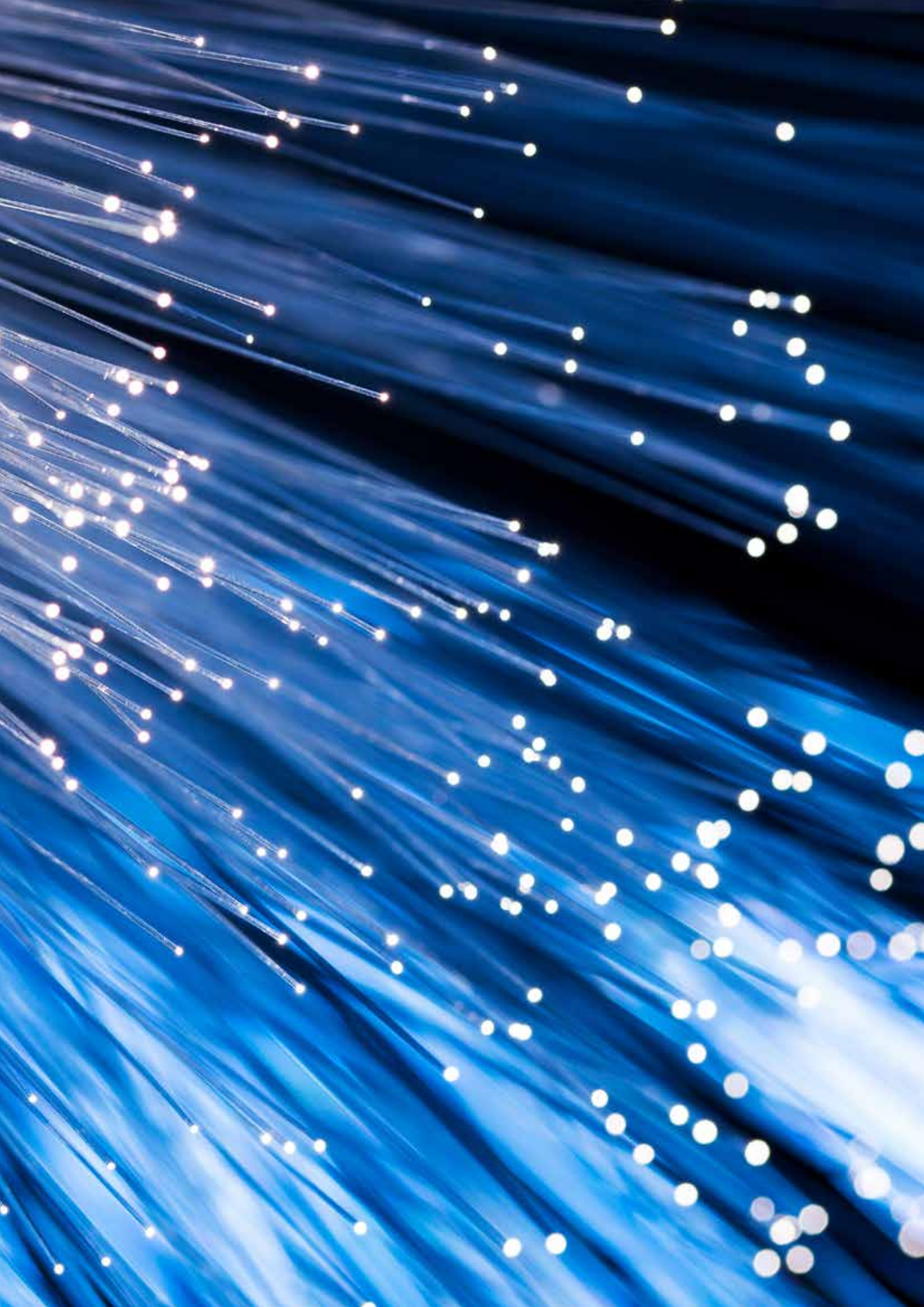


SOME SEE JUST A CABLE

**WE SEE
A BRIGHT
FUTURE**

FIBER CABLES





APPENDIX

This product catalog contains only a small selection of our Fiber Cables.
We have more than 3500 cables in stock for daily shipment, please find our product range at www.scankab.com.

You can also do as many of our other customers, and contact us at +45 7020 3455.

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SCANFIBER® Uni CT U-DQ(ZN)BH

Application:

Universal cables for fixed installation indoors and outdoors in cable ducts and tubes as well as for direct burial. Longitudinally waterproof with a non-metallic rodent protection.

Construction:

Cable core: Jelly filled loose tube, outer diameter 3,5 mm with 2-12 optical fibres and 4,0 mm with 14-24 optical fibres.

Tube colour: Yellow (E9/125), green (G50/125)
Fiber colour: Acc. to IEC 60304

Outer sheath: FRNC, black, UV-resistant
Wall thickness approx. 1,1 mm.

Armour: Multifunctional E-glass yarns wrapped in two layers (left and right spin), as strain relief elements and non-metallic rodent protection.



Technical data:

Working temperature: Transport and storage: -25°C to +70°C
Installation: -5°C to +50°C
In use: -20°C to +60°C

Bend radius: Fixed: 15 x cable diameter
During installation: 20 x cable diameter

Technical comments: Max. tensile force, ST: 1750 N
Max. tensile force, LT: 500 N
Max. crush resistance, ST: 3000 N/dm
Max. crush resistance, LT: 1500 N/dm

CPR classification: D_{ca}-s2, d2, a1

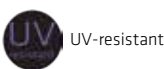
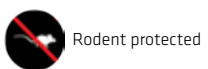
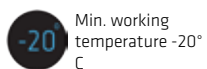
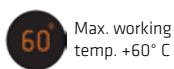
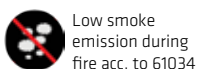
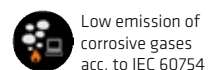
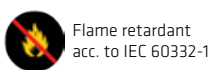
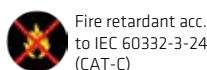
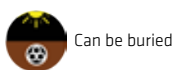
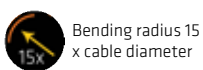
Please request for DoP at dop@scankab.dk
Please request for technical datasheet at fiber@scankab.dk

Approvals:

EN 50575, EN 12225, IEC 60304, IEC 60794-1-21 E11A, IEC 60794-1-21 E6, IEC 60794-1-21 E1, IEC 60794-1-21 E3, IEC 60794-1-22 F1, IEC 60332-1-2, IEC 60332-3-24 Cat. C, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60794-2-20, CE, RoHS



Properties and installation:



SCANFIBER® Uni CT U-DQ(ZN)BH

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84151040S21001	5704403200368	D _{ca} -s2,d2,a1	4x0S2 (G652D)	-	D./Cut	7,0	55
84151080S21003	5704403200375	D _{ca} -s2,d2,a1	8x0S2 (G652D)	-	D./Cut	7,0	55
84151120S21004	5704403200382	D _{ca} -s2,d2,a1	12x0S2 (G652D)	-	D./Cut	7,0	55
84151240S21006	5704403200399	D _{ca} -s2,d2,a1	24x0S2 (G652D)	-	D./Cut	7,5	60
84151040S21007	5704403200405	D _{ca} -s2,d2,a1	4x0S2a (G657A2)	-	D./Cut	7,0	55
84151080S21009	5704403200412	D _{ca} -s2,d2,a1	8x0S2a (G657A2)	-	D./Cut	7,0	55
84151120S21010	5704403200429	D _{ca} -s2,d2,a1	12x0S2a (G657A2)	-	D./Cut	7,0	55
84151240S21012	5704403200436	D _{ca} -s2,d2,a1	24x0S2a (G657A2)	-	D./Cut	7,5	60
84151040M31013	5704403200443	D _{ca} -s2,d2,a1	4x0M3	-	D./Cut	7,0	55
84151080M31015	5704403200450	D _{ca} -s2,d2,a1	8x0M3	-	D./Cut	7,0	55
84151120M31016	5704403200467	D _{ca} -s2,d2,a1	12x0M3	-	D./Cut	7,0	55
84151240M31018	5704403200474	D _{ca} -s2,d2,a1	24x0M3	-	D./Cut	7,5	60
84151040M41019	5704403200481	D _{ca} -s2,d2,a1	4x0M4	-	D./Cut	7,0	55
84151080M41021	5704403200498	D _{ca} -s2,d2,a1	8x0M4	-	D./Cut	7,0	55
84151120M41022	5704403200504	D _{ca} -s2,d2,a1	12x0M4	-	D./Cut	7,0	55
84151240M41024	5704403200511	D _{ca} -s2,d2,a1	24x0M4	-	D./Cut	7,5	60
84151040M51025	5704403200528	D _{ca} -s2,d2,a1	4x0M5	-	D./Cut	7,0	55
84151080M51027	5704403200535	D _{ca} -s2,d2,a1	8x0M5	-	D./Cut	7,0	55
84151120M51028	5704403200542	D _{ca} -s2,d2,a1	12x0M5	-	D./Cut	7,0	55
84151240M51030	5704403200559	D _{ca} -s2,d2,a1	24x0M5	-	D./Cut	7,5	60

* The values can have small deviations

SCANFIBER® Uni MT U-DQ(ZN)BH

Application:

Universal cable for permanent installation indoors and outdoors in cable ducts and tubes as well as for direct burial.

Longitudinal and transverse waterproof with a non-metallic rodent protection. High traction and with ripcords that make it easy to open the jacket.

Construction:

Cable core: Jelly filled loose tube, outer diameter 2,3 mm with 2-12 optical fibres.

Tube colour: counting tube red, counting direction tube white, other tubes yellow (E9/125) or green (G50/125).
Fiber colour: Acc. to IEC 60304

Outer sheath: FRNC, black, UV-resistant
Wall thickness approx. 1,5 mm.
Two diametrically opposed ripcords under the jacket

Armour: Multifunctional E-glass yarns wrapped in two layers (left and right spin), as strain relief elements and non-metallic rodent protection.

Technical data:

Working temperature: Transport and storage: -40°C to +80°C
Installation: -20°C to +60°C
In use: -40°C to +80°C

Bend radius: 10 x cable diameter

Technical comments: Max. tensile force, ST: 5000 N
Max. tensile force, LT: 1600 N
Max. crush resistance, LT: 3000 N/dm, 10 min.
Longitudinally watertight: l=3 m, t=24 h

CPR classification: E_{ca}

Please request for DoP at dop@scankab.dk
Please request for technical datasheet at fiber@scankab.dk

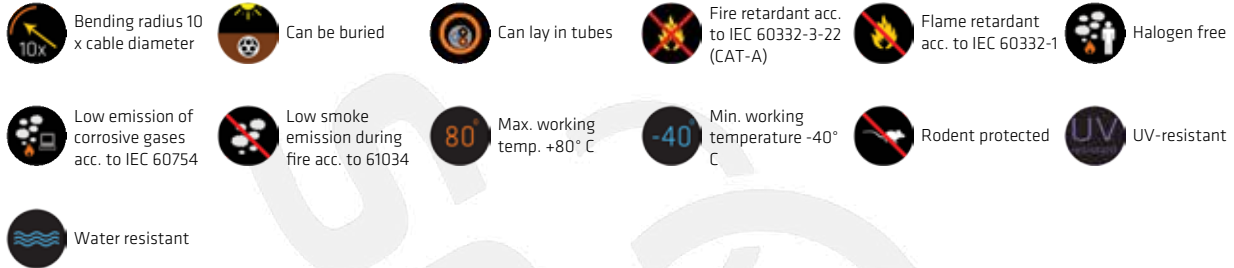
Approvals:

EN 50575, EN 12225, IEC 60304, IEC 60794-1-21 E1, IEC 60794-1-21 E3, IEC 60794-1-21 E4, IEC 60794-1-21 E11A, IEC 60794-1-21 F5A, IEC 60332-1-2, IEC 60332-3-22 Cat. A, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60794-1-22 F14, IEC 60794-2, CE, RoHS



SCANFIBER® Uni MT U-DQ(ZN)BH

Properties and installation:



SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84151240S21032	5704403200566	E _{ca}	24xOS2 (G652D)	-	D./Cut	11,2	130
84151360S21033	5704403200573	E _{ca}	36xOS2 (G652D)	-	D./Cut	11,2	130
84151480S21034	5704403200580	E _{ca}	48xOS2 (G652D)	-	D./Cut	11,2	130
84151720S21035	5704403200597	E _{ca}	72xOS2 (G652D)	-	D./Cut	11,6	140
84151960S21036	5704403200603	E _{ca}	96xOS2 (G652D)	-	D./Cut	13,1	175
841511440S21037	5704403200610	E _{ca}	144xOS2 (G652D)	-	D./Cut	16,0	240
84151240S21038	5704403200627	E _{ca}	24xOS2a (G657A2)	-	D./Cut	11,2	130
84151360S21039	5704403200634	E _{ca}	36xOS2a (G657A2)	-	D./Cut	11,2	130
84151480S21040	5704403200641	E _{ca}	48xOS2a (G657A2)	-	D./Cut	11,2	130
84151720S21041	5704403200658	E _{ca}	72xOS2a (G657A2)	-	D./Cut	11,6	140
84151960S21042	5704403200665	E _{ca}	96xOS2a (G657A2)	-	D./Cut	13,1	175
841511440S21043	5704403200672	E _{ca}	144xOS2a (G657A2)	-	D./Cut	16,0	240
84151240M31044	5704403200689	E _{ca}	24xOM3	-	D./Cut	11,2	130
84151360M31045	5704403200696	E _{ca}	36xOM3	-	D./Cut	11,2	130
84151480M31046	5704403200702	E _{ca}	48xOM3	-	D./Cut	11,2	130
84151720M31047	5704403200719	E _{ca}	72xOM3	-	D./Cut	11,6	140
84151960M31048	5704403200726	E _{ca}	96xOM3	-	D./Cut	13,1	175
841511440M31049	5704403200733	E _{ca}	144xOM3	-	D./Cut	16,0	240
84151240M41050	5704403200740	E _{ca}	24xOM4	-	D./Cut	11,2	130
84151360M41051	5704403200757	E _{ca}	36xOM4	-	D./Cut	11,2	130
84151480M41052	5704403200764	E _{ca}	48xOM4	-	D./Cut	11,2	130
84151720M41053	5704403200771	E _{ca}	72xOM4	-	D./Cut	11,6	140
84151960M41054	5704403200788	E _{ca}	96xOM4	-	D./Cut	13,1	175
841511440M41055	5704403200795	E _{ca}	144xOM4	-	D./Cut	16,0	240
84151240M51056	5704403200801	E _{ca}	24xOM5	-	D./Cut	11,2	130
84151360M51057	5704403200818	E _{ca}	36xOM5	-	D./Cut	11,2	130
84151480M51058	5704403200825	E _{ca}	48xOM5	-	D./Cut	11,2	130
84151720M51059	5704403200832	E _{ca}	72xOM5	-	D./Cut	11,6	140
84151960M51060	5704403200849	E _{ca}	96xOM5	-	D./Cut	13,1	175
841511440M51061	5704403200856	E _{ca}	144xOM5	-	D./Cut	16,0	240

* The values can have small deviations

SCANFIBER® Outdoor CT A-DQ(ZN)B2Y

Application:

Outdoor cable for fixed installation in cable ducts and tubes as well as for direct burial. Longitudinal and transverse waterproof with a non-metallic rodent protection. High traction and with ripcords that make it easy to open the jacket.

Construction:

Cable core: Jelly filled loose tube, outer diameter 2.9 mm with 2-12 optical fibres and outer diameter 3.5 mm with 14-24 optical fibres.

Tube colour: Yellow (E9/125), green (G50/125).
Fiber colour: Acc. to IEC 60304

Outer sheath: PE, black, UV resistant
Wall thickness approx. 1,0 mm.

Armour: Multifunctional E-glass yarns as strain relief elements and non-metallic rodent protection.

Technical data:

Working temperature: Transport and storage: -25°C to +70°C
Installation: -5°C to +50°C
In use: -25°C to +60°C

Bend radius: Fixed: 15 x cable diameter
During installation: 20 x cable diameter

Technical comments: Max. tensile force, ST: 1750 N
Max. crush resistance, LT: 1500 N/dm
Longitudinally watertight: l = 3 m, t = 24 h

Please request for technical datasheet at fiber@scankab.dk

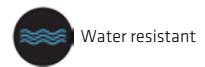
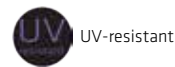
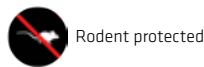
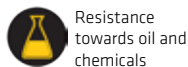
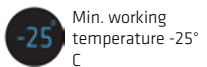
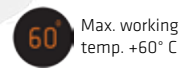
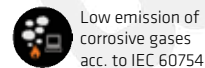
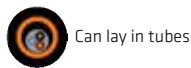
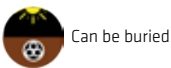
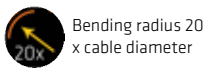


Approvals:

IEC 60304, IEC 60794-1-2 E11A, IEC 60794-1-2 E6, IEC 60794-1-2 E1, IEC 60794-1-2 E3, IEC 60794-1-2 F5A, IEC 60794-1-2 F1, IEC 60754-1, IEC 60754-2, IEC 60794-3,



Properties and installation:



SCANFIBER® Outdoor CT A-DQ(ZN)B2Y

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84152040S21065	5704403200863	4x0S2 (G652D)	-	D./Cut	7,1	39
84152080S21067	5704403200870	8x0S2 (G652D)	-	D./Cut	7,1	39
84152120S21068	5704403200887	12x0S2 (G652D)	-	D./Cut	7,1	39
84152120S21068	5704403200894	24x0S2 (G652D)	-	D./Cut	7,3	43
84152040S21071	5704403200900	4x0S2a (G657A2)	-	D./Cut	7,1	39
84152080S21073	5704403200917	8x0S2a (G657A2)	-	D./Cut	7,1	39
84152120S21074	5704403200924	12x0S2a (G657A2)	-	D./Cut	7,1	39
84152240S21076	5704403200931	12x0S2a (G657A2)	-	D./Cut	7,3	43
84152040M31077	5704403200948	4x0M3	-	D./Cut	7,1	39
84152080M31079	5704403200955	8x0M3	-	D./Cut	7,1	39
84152120M31080	5704403200962	12x0M3	-	D./Cut	7,1	39
84152240M31082	5704403200979	24x0M3	-	D./Cut	7,3	43
84152040M41083	5704403200986	4x0M4	-	D./Cut	7,1	39
84152080M41085	5704403200993	8x0M4	-	D./Cut	7,1	39
84152120M41086	5704403201006	12x0M4	-	D./Cut	7,1	39
84152240M41088	5704403201013	24x0M4	-	D./Cut	7,3	43
84152040M51089	5704403201020	4x0M5	-	D./Cut	7,1	39
84152080M51091	5704403201037	8x0M5	-	D./Cut	7,1	39
84152120M51092	5704403201044	12x0M5	-	D./Cut	7,1	39
84152240M51094	5704403201051	24x0M5	-	D./Cut	7,3	43

* The values can have small deviations

SCANFIBER® Outdoor MT A-DQ(ZN)B2Y

Application:

Outdoor cable for permanent installation outdoors in cable ducts and tubes as well as for direct burial. Longitudinal and transverse waterproof with a non-metallic rodent protection. High traction and with ripcords that make it easy to open the jacket.

Construction:

Cable core: Jelly filled loose tube, outer diameter 2,3 mm with 2-12 optical fibres.

Tube colour: counting tube red, counting direction tube white, other tubes yellow (E9/125) or green (G50/125).
Fiber colour: Acc. to IEC 60304

Outer sheath: PE, black, UV-resistant
Wall thickness approx. 1,5 mm.
Ripcord under the jacket.

Armour: Multifunctional E-glass yarns as strain relief elements and non-metallic rodent protection.

Technical data:

Working temperature: Transport and storage: -40°C to +70°C
Installation: -15°C to +50°C
In use: -40°C to +60°C

Bend radius: 10 x cable diameter

Technical comments: Max. tensile force, short term: 5000 N
Max. tensile force, long term: 1600 N
Max. crush resistance, long term: 3000 N/dm
Impact resistance: 5 impacts, 3.0 Nm, R = 12.5 mm
Longitudinally watertight: l = 3 m, t = 24 h

Please request for technical datasheet at fiber@scankab.dk

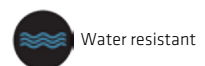
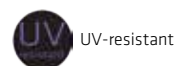
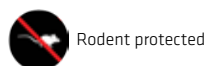
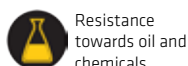
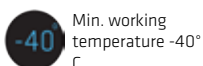
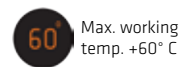
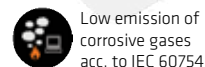
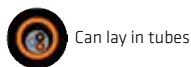
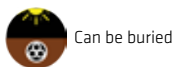
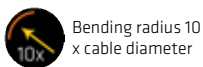


Approvals:

IEC 60794-1-2 E1, IEC 60794-1-21 E3, IEC 60794-1-21 E4, IEC 60794-1-21 E11A, IEC 60794-1-22 F5B, IEC 60794-1-22 F1, IEC 60754-1, IEC 60754-2, IEC 60794-3, EN 187 105, CE, RoHS



Properties and installation:



SCANFIBER® Outdoor MT A-DQ(ZN)B2Y

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84152240S21096	5704403201068	24x0S2 (G652D)	-	D./Cut	11,2	105
84152360S21097	5704403201075	36x0S2 (G652D)	-	D./Cut	11,2	105
84152480S21098	5704403201082	48x0S2 (G652D)	-	D./Cut	11,2	105
84152720S21099	5704403201099	72x0S2 (G652D)	-	D./Cut	11,6	115
84152960S21100	5704403201105	96x0S2 (G652D)	-	D./Cut	13,1	145
841521440S21101	5704403201112	144x0S2 (G652D)	-	D./Cut	16,0	200
84152240S21102	5704403201129	24x0S2a (G657A2)	-	D./Cut	11,2	105
84152360S21103	5704403201136	36x0S2a (G657A2)	-	D./Cut	11,2	105
84152480S21104	5704403201143	48x0S2a (G657A2)	-	D./Cut	11,2	105
84152720S21105	5704403201150	72x0S2a (G657A2)	-	D./Cut	11,6	115
84152960S21106	5704403201167	96x0S2a (G657A2)	-	D./Cut	13,1	145
841521440S21107	5704403201174	144x0S2a (G657A2)	-	D./Cut	16,0	200
84152240M31108	5704403201181	24x0M3	-	D./Cut	11,2	105
84152360M31109	5704403201198	36x0M3	-	D./Cut	11,2	105
84152480M31110	5704403201204	48x0M3	-	D./Cut	11,2	105
84152720M31111	5704403201211	72x0M3	-	D./Cut	11,6	115
84152960M31112	5704403201228	96x0M3	-	D./Cut	13,1	145
841521440M31113	5704403201235	144x0M3	-	D./Cut	16,0	200
84152240M41114	5704403201242	24x0M4	-	D./Cut	11,2	105
84152360M41115	5704403201259	36x0M4	-	D./Cut	11,2	105
84152480M41116	5704403201266	48x0M4	-	D./Cut	11,2	105
84152720M41117	5704403201273	72x0M4	-	D./Cut	11,6	115
84152960M41118	5704403201280	96x0M4	-	D./Cut	13,1	145
841521440M41119	5704403201297	144x0M4	-	D./Cut	16,0	200
84152240M51120	5704403201303	24x0M5	-	D./Cut	11,2	105
84152360M51121	5704403201310	36x0M5	-	D./Cut	11,2	105
84152480M51122	5704403201327	48x0M5	-	D./Cut	11,2	105
84152720M51123	5704403201334	72x0M5	-	D./Cut	11,6	115
84152960M51124	5704403201341	96x0M5	-	D./Cut	13,1	145
841521440M51125	5704403201358	144x0M5	-	D./Cut	16,0	200

* The values can have small deviations

SCANFIBER® Indoor MT I-F(ZN)HH

Application:

Indoor gel-free cable for installation in cable ducts and in tubes. Each fiber is a sub-cable (breakout) with a good buffer protection with aramid, and individual jacket. For direct connector assembly.

Construction:

Cable core: Break-Out sub cables and if necessary, fillers stranded in layers around a central strength member (FRP). (Number of sub cables 2-12)
 12 optical fibres (E9/125, G50/125)
 Fiber colour: Acc. to IEC 60304
 FRNC, Yellow
 Wall thickness approx. 0.5 mm

Strain relief: Strain relief elements aramid.

Outer sheath: FRNC, yellow.
 Ripcord under the jacket.



Technical data:

Working temperature: Transport and storage: -25°C to +70°C
 Installation: -5°C to +50°C
 In use: -10°C to +70°C

Bend radius: Fixed: 15 x cable diameter
 During installation: 20 x cable diameter

Technical comments: Max. crush resistance, LT: 1000 N/dm

CPR classification: D_{ca}-s2, d2, a1










Please request for DoP at dop@scankab.dk
 Please request for technical datasheet at fiber@scankab.dk

Approvals:

EN 50575, IEC 60304, IEC 60794-1-2 E11A, IEC 60794-1-2 E6, IEC 60794-1-2 E3, IEC 60794-1-2 F1, IEC 60332-1-2, IEC 60332-3-22 Cat. A, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60794-2, CE, RoHS



Properties and installation:

-  Bending radius 20 x cable diameter
-  Can lay in tubes
-  Fire retardant acc. to IEC 60332-3-22 (CAT-A)
-  Flame retardant acc. to IEC 60332-1
-  Halogen free
-  Low emission of corrosive gases acc. to IEC 60754
-  Low smoke emission during fire acc. to 61034
-  Max. working temp. +70° C
-  Min. working temperature -10° C

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84153240S21140	5704403201433	D _{ca} -s2,d2,a1	24x0S2	-	D./Cut	8,9	70
84153480S21141	5704403201440	D _{ca} -s2,d2,a1	48x0S2	-	D./Cut	8,9	70
84153960S21142	5704403201457	D _{ca} -s2,d2,a1	96x0S2	-	D./Cut	13,1	155
841531440S21143	5704403201457	D _{ca} -s2,d2,a1	144x0S2	-	D./Cut	15,4	195

* The values can have small deviations

SCANFIBER® Indoor CT I-F(ZN)H

Application:

Indoor gel-free cable for installation in cable ducts and in tubes. Each fiber is a sub-cable (breakout) with a good buffer protection with aramid, and individual jacket. For direct connector assembly.



Construction:

- Cable core: 8 - 24 optical fibres (E9/125, G50/125)
Fiber colour: Acc. to IEC 60304
- Strain relief: Strain relief elements aramid.
- Outer sheath: FRNC, white.
Wall thickness:
8 fibers = 0.45
12 fibers = 0.45
24 fibers = 0.65

Technical data:

- Working temperature: Transport and storage: -25°C to +70°C
Installation: -5°C to +50°C
In use: -10°C to +70°C
- Bend radius: Fixed: 10 x cable diameter
During installation: 15 x cable diameter
- Technical comments: Max. tensile force, LT: 300 N
Max. crush resistance, ST: 600 N/dm
Max. crush resistance, LT: 200 N/dm
Impact resistance: 3 impacts, 1.5 Nm, R = 300 mm

CPR classification: B2_{ca}-s1a, d1, a2 / B2_{ca}-s1a, d1, a1









Please request for DoP at dop@scankab.dk
Please request for technical datasheet at fiber@scankab.dk

Approvals:

EN 50575, IEC 60304, IEC 60794-1-2 E11A, IEC 60794-1-2 E6, IEC 60794-1-21 E1, IEC 60794-1-2 E3, IEC 60794-1-21 E4, IEC 60794-1-2 F1, IEC 60332-1-2, IEC 60332-3-24 Cat. C, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60794-2, CE, RoHS



Properties and installation:

-  Bending radius 15 x cable diameter
-  Can lay in tubes
-  Fire retardant acc. to IEC 60332-3-24 (CAT-C)
-  Flame retardant acc. to IEC 60332-1
-  Halogen free
-  Low smoke emission during fire acc. to 61034
-  Max. working temp. +70° C
-  Min. working temperature -10° C

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84153080S21136	5704403201402	B2 _{ca} -s1a,d1,a2	8x0S2	-	D./Cut	3,0	8
84153120S21137	5704403201419	B2 _{ca} -s1a,d1,a2	12x0S2	-	D./Cut	3,0	8
84153240S21138	5704403201426	B2 _{ca} -s1a,d1,a1	24x0S2	-	D./Cut	3,7	12

* The values can have small deviations

SCANFIBER® FTTx CT A-DQ(ZN)2Y

Application:

Blown cable for FTTH duct systems. Longitudinally waterproof fiber optic cable for fixed installation in cable ducts and in tubes.

Construction:

Cable core: Jelly filled loose tube, outer diameter 1.75 mm with 2-12 optical fibres.
 Tube colour: yellow (E9/125; Fibre type according to G.652.D / G.657.A1)
 Fiber colour: Acc. to IEC 60304

Strain relief: Strain relief elements aramid.

Outer sheath: Polyethylene (HDPE), black, UV-resistant
 Wall thickness approx. 0.25 mm (≥ 0.21 mm).



Technical data:

Working temperature: Transport and storage: -30°C to +70°C
 Installation: -5°C to +50°C
 In use: -20°C to +60°C

Bend radius: Fixed: 10 x cable diameter
 During installation: 15 x cable diameter

Technical comments: Max. tensile force, ST: 150 N
 Max. crush resistance, LT: 300 N/dm
 Impact resistance: 3 x 1 Impact energy 1.0 Nm, r = 12,5 mm
 Longitudinally watertight: l = 3 m, t = 24 h










Please request for technical datasheet at fiber@scankab.dk

Approvals:

EN 50575, IEC 60304, IEC 60794-1-2 E11A, IEC 60794-1-2 E6, IEC 60794-1-21 E1, IEC 60794-1-2 E3, IEC 60794-1-21 E4, IEC 60794-1-2 F5A, IEC 60794-1-2 F1, IEC 60754-1, IEC 60754-2, IEC 60794-5, CE, RoHS



Properties and installation:

-  Bending radius 15 x cable diameter
-  Can lay in tubes
-  Halogen free
-  Low emission of corrosive gases acc. to IEC 60754
-  Max. working temp. +60° C
-  Min. working temperature -20° C
-  Oil resistant
-  Resistance towards oil and chemicals
-  Water resistant

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84154040S21129	5704403201365	4xOS2a (G657A1)	-	D./Cut	2,6	5,5
84154060S21130	5704403201372	6xOS2a (G657A1)	-	D./Cut	2,6	5,5
84154080S21131	5704403201389	8xOS2a (G657A1)	-	D./Cut	2,6	5,5
84154120S21132	5704403201396	12xOS2a (G657A1)	-	D./Cut	2,6	5,5

* The values can have small deviations

SCANFIBER® Industry A-D(ZN)2Y(SWC)2Y ZB

Application:

Steel-reinforced outdoor cable with very high rodent resistance for installation in cable ducts and pipes.

Construction:

- Cable core: Jelly filled loose tube in 2 layers, outer diameter 2.9 mm with 2 - 24 optical fibres
 Tube colour: yellow (E9/125) or green (G50/125)
 Fiber colour: Acc. to IEC 60304
- Inner sheath: Polyethylene (PE), black
 Wall thickness approx. 0.8 mm
- Strain relief: Strain relief elements aramid.
- Outer sheath: Polyethylene (PE), black.
 Wall thickness approx. 0.8 mm.
- Armour: Steel wire shield: 16 x 5 x 0.20; type 1.4301



Technical data:

- Working temperature: Transport and storage: -40°C to +70°C
 Installation: -10°C to +50°C
 In use: -40°C to +60°C
- Bend radius: Fixed: 15 x cable diameter
 During installation: 20 x cable diameter
- Technical comments: Max. tensile force, ST: 1000 N
 Max. tensile force, LT: 300 N
 Max. crush resistance, ST: 4000 N/dm
 Max. crush resistance, LT: 2000 N/dm
 Impact resistance: 50 impacts, 4.41 Nm
 Repeated bending: 5000 cycles, r = 80 mm, 2.5 kg










Please request for technical datasheet at fiber@scankab.dk

Approvals:

IEC 60304, IEC 60794-1-2 E11A, IEC 60794-1-2 E6, IEC 60794-1-2 E, IEC 60794-1-2 E3, IEC 60794-1-21 E4, IEC 60794-1-2 F1, IEC 60754-1, IEC 60754-2, IEC 60794-5, CE, RoHS



Properties and installation:

-  Bending radius 20 x cable diameter
-  Can lay in tubes
-  Halogen free
-  Low emission of corrosive gases acc. to IEC 60754
-  Max. working temp. +70° C
-  Min. working temperature -40° C
-  Oil resistant
-  Resistance towards oil and chemicals
-  Water resistant

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84158120S21147	5704403201471	12x0S2 (G652D)	-	D./Cut	7,0	60
84158120M31148	5704403201488	12x0M3	-	D./Cut	7,0	60

* The values can have small deviations

SCANFIBER® Fire CT U-D(ZN)BH FS ZB

Fire proof

Application:

Functional Integrity cable for use in vital communication and emergency systems that must be operational during a fire. The cable has a design that ensures operation for 1½ hours in fires up to 750 °C. With non-metallic rodent protection and for a high tensile force of 2500 N. For fixed installation indoors and outdoors, in cable ducts and pipes.

Construction:

Cable core: Jelly filled loose tube, outer diameter 3.5 mm with 2-12 optical fibres and outer diameter 4.0 mm with 14-24 optical fibres.

Tube colour: Yellow (E9/125), green (G50/125)

Fiber colour: Acc. to IEC 60304

Strain relief: Inner fire barrier: Fire protection tape made of woven glass
Outer fire barrier: Multifunctional E-glass yarns, wrapped in two layers (left and right spin), as strain relief element and non-metallic rodent protection

Outer sheath: FRNC, blue.
Wall thickness approx. 1.2 mm.
With two opposed ripcords under the jacket.

Technical data:

Working temperature: Transport and storage: -40°C to +70°C
Installation: -5°C to +50°C
In use: -40°C to +60°C

Bend radius: Fixed: 15 x cable diameter
During installation: 20 x cable diameter

Technical comments: Max. tensile force, ST: 2500 N
Max. crush resistance, LT: 3000 N/dm

CPR classification: D_{ca}-s2, d2, a1

Please request for DoP at dop@scankab.dk

Please request for technical datasheet at fiber@scankab.dk

Approvals:















EN 50575, IEC 60304, IEC 60794-1-2 E11A, IEC 60794-1-2 E6, IEC 60794-1-2 E1, IEC 60794-1-2 E3, IEC 60794-1-2 F1, IEC 60332-1-2, IEC 60332-3-22 Cat. A, IEC 61034, IEC 60754-1, IEC 60754-2, EN 13501-6, IEC 60794-2, CE, RoHS



SCANFIBER® Fire CT U-D(ZN)BH FS ZB

Fire proof

Properties and installation:

-  Bending radius 20 x cable diameter
-  Can lay in tubes
-  Fire retardant acc. to IEC 60332-3-22 (CAT-A)
-  Flame retardant acc. to IEC 60332-1
-  Halogen free
-  Low emission of corrosive gases acc. to IEC 60754
-  Low smoke emission during fire acc. to 61034
-  60 Max. working temp. +60° C
-  -40 Min. working temperature -40° C
-  Oil resistant
-  Operation secured acc. to IEC 60331
-  Resistance towards oil and chemicals
-  Rodent protected
-  Water resistant

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84160120S21153	5704403201495	D _{ca} -s2,d2,a1	12x0S2 (G652D)	-	D./Cut	10,3	127
84160240S21154	5704403201501	D _{ca} -s2,d2,a1	24x0S2 (G652D)	-	D./Cut	10,8	134
84160120M31155	5704403201518	D _{ca} -s2,d2,a1	12x0M3	-	D./Cut	10,3	127
84160240M31156	5704403201525	D _{ca} -s2,d2,a1	24x0M3	-	D./Cut	10,8	134

* The values can have small deviations

SCANFIBER® Fire CT U-DQ(ZN)H(SR)H FS UV

Fire proof

Application:

Functional Integrity cable for use in vital communication and emergency systems that must be operational during a fire. The cable has a design that ensures operation for 1½ hours in fires up to 750 °C. With non-metallic rodent protection and for a high tensile force of 3500 N. For fixed installation indoors and outdoors, in cable ducts, pipes and directly buried. Longitudinal and transverse waterproof fiber optic cable with very high rodent resistance.



Construction:

Cable core: Jelly filled loose tube, outer diameter 3.5 mm with 2-12 optical fibres and outer diameter 4.0 mm with 14-24 optical fibres.

Tube colour: yellow (E9/125) or green (G50/125).
Fiber colour: Acc. to IEC 60304

Inner sheath: FRNC, blue.
wall thickness (1 – 12 fibres) approx. 1.35 mm, (14 – 24 fibres) approx. 1.1 mm

Strain relief: E-glass yarns, wrapped in two layers (left and right spin), as strain relief elements.

Outer sheath: FRNC, blue, UV-resistant
Wall thickness approx. 1.5 mm.

Armour: Corrugated steel tape, 0.15 mm thick, overlapped and formed into a tube.

Technical data:

Working temperature: Transport and storage: -25°C to +70°C
Installation: -5°C to +50°C
In use: -20°C to +70°C

Bend radius: Fixed: 15 x cable diameter
During installation: 20 x cable diameter

Technical comments: Max. tensile force: 3500 N
Max. crush resistance, LT: 2500 N/dm
Impact: 3 impacts, 3.0 Nm, R = 12.5 mm
Torsion: ±180° /1m; 50 N; 5 cycles

CPR classification: C_{ca}-s2, d1, a1

Please request for DoP at dop@scankab.dk
Please request for technical datasheet at fiber@scankab.dk

Approvals:

















EN 50575, IEC 60304, IEC 60794-1-2 E11A, IEC 60794-1-2 E6, IEC 60794-1-2 E1, IEC 60794-1-2 E3, IEC 60794-1-2 E4, IEC 60794-1-2 E7, IEC 60332-1-2, IEC 60332-3-22 Cat. A, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60331-11 / IEC 60331-25, EN 13501-6, IEC 60794-2, CE, RoHS



SCANFIBER® Fire CT U-DQ(ZN)H(SR)H FS UV

Fire proof

Properties and installation:

-  Bending radius 20 x cable diameter
-  Can be buried
-  Can lay in tubes
-  Fire retardant acc. to IEC 60332-3-22 (CAT-A)
-  Flame retardant acc. to IEC 60332-1
-  Halogen free
-  Low emission of corrosive gases acc. to IEC 60754
-  Low smoke emission during fire acc. to 61034
-  Max. working temp. +70° C
-  Min. working temperature -20° C
-  Oil resistant
-  Operation secured acc. to IEC 60331
-  Resistance towards oil and chemicals
-  Rodent protected
-  UV-resistant
-  Water resistant

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84160120S21158	5704403201532	C _{ca} -s2,d1,a1	12x0S2 (G652D)	-	D./Cut	12,5	220
84160240S21159	5704403201549	C _{ca} -s2,d1,a1	24x0S2 (G652D)	-	D./Cut	12,5	220
84160120M31160	5704403201556	C _{ca} -s2,d1,a1	12x0M3	-	D./Cut	12,5	220
84160240M31161	5704403201563	C _{ca} -s2,d1,a1	24x0M3	-	D./Cut	12,5	220

* The values can have small deviations

SCANFIBER® Marine CT U-D(ZN)BH FS ZB

Application:

Non-metallic, light and flexible marine cable approved by Germanischer Lloyd and Det Norske Veritas (DNV) for fixed installation on ships and offshore facilities. for use in vital communication and emergency systems that must be operational during fire. The cable has a design that ensures operation for 1½ hours in fires up to 750 °C. With non-metallic rodent protection and for a high tensile force of 2500 N. For fixed installation indoors and outdoors, in cable ducts and pipes.



Construction:

Cable core: Jelly filled loose tube, outer diameter 3.5 mm with 2-12 optical fibres and outer diameter 4.0 mm with 14-24 optical fibres.

Tube colour: yellow (E9/125) or green (G50/125)
Fiber colour: Acc. to IEC 60304

Strain relief: Inner fire barrier: Fire protection tape made of woven glass
Outer fire barrier: Multifunctional E-glass yarns, wrapped in two layers (left and right spin), as strain relief element and non-metallic rodent protection.

Outer sheath: FRNC, orange.
Wall thickness approx. 1.2 mm.
With two opposed ripcords under the jacket.

Technical data:

Working temperature: Transport and storage: -40°C to +70°C
Installation: -5°C to +50°C
In use: -40°C to +60°C

Bend radius: Fixed: 15 x cable diameter
During installation: 20 x cable diameter

Technical comments: Max. tensile force, ST: 2500 N
Max. crush resistance, LT: 3000 N/dm

CPR classification: D_{ca}-s2, d2, a1

Please request for DoP at dop@scankab.dk
Please request for technical datasheet at fiber@scankab.dk















Approvals:

EN 50575, IEC 60304, IEC 60794-1-2 E11A, IEC 60794-1-2 E6, IEC 60794-1-2 E1, IEC 60794-1-2 E3, IEC 60332-1-2, IEC 60332-3-22 Cat. A, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60331-11 / IEC 60331-25, EN 13501-6, IEC 60794-2, DNV-GL, CE, RoHS



SCANFIBER® Marine CT U-D(ZN)BH FS ZB

Properties and installation:

-  Bending radius 20 x cable diameter
-  Can lay in tubes
-  Fire retardant acc. to IEC 60332-3-22 (CAT-A)
-  Flame retardant acc. to IEC 60332-1
-  For use on ships
-  Halogen free
-  Low emission of corrosive gases acc. to IEC 60754
-  Low smoke emission during fire acc. to 61034
-  60 Max. working temp. +60° C
-  -40 Min. working temperature -40° C
-  Oil resistant
-  Resistance towards oil and chemicals
-  Rodent protected
-  Water resistant

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84156120S21165	5704403201570	D _{ca} -s2,d2,a1	12x0S2 (G652D)	-	D./Cut	10,3	127
84156240S21186	5704403202805	D _{ca} -s2,d2,a1	24x0S2 (G652D)	-	D./Cut	10,8	134
84156120M31166	5704403201587	D _{ca} -s2,d2,a1	12x0M3	-	D./Cut	10,3	127
84156240M31187	5704403202812	D _{ca} -s2,d2,a1	24x0M3	-	D./Cut	10,8	134
84156120M41167	5704403201594	D _{ca} -s2,d2,a1	12x0M4	-	D./Cut	10,3	127
84156240M41188	5704403202829	D _{ca} -s2,d2,a1	24x0M4	-	D./Cut	10,8	134

* The values can have small deviations

SCANFIBER® Marine TB AT-V(ZN)H(ZN)H

Application:

Non-metallic, light and flexible marine cable approved by Germanischer Lloyd and Det Norske Veritas (DNV). Robust indoor cable for permanent installation on ships and offshore installations in areas with a risk of fire. Direct connector assembly.

Construction:

Cable core: FRP-element in centre, break-out-sub cables stranded in layers (number of fibres 2-12)

Semi-tight buffered fibre STB900H, outer diameter 0.9 mm.

Colour: yellow (E9/125) or green (G50/125), Strain relief elements (aramid).

Sub cable-jacket, halogen-free and flame-retardant material with approx. 0.5 mm wall, colour: Orange, Diameter 2.9 mm with numeric coding

Fiber colour: Acc. to IEC 60304

Strain relief: Aramid yarns, wrapped in two layers (left and right spin)

Outer sheath: FRNC (SHF1, IEC 60092 Part 360), orange.

Armour: Aramid yarns, wrapped in two layers (left and right spin) non-metallic rodent protection.

Technical data:

Working temperature: Transport and storage: -25°C to +80°C
Installation: -5°C to +50°C
In use: -20°C to +80°C

Bend radius: Fixed: 10 x cable diameter
During installation: 15 x cable diameter

Technical comments: Max. crush resistance, ST: 4000 N/dm
Max. crush resistance, LT: 1000 N/dm
Impact strength: (radius 300 mm, 30 cycles/minutes, 10 cycles) 2 Nm
Max. pulling, E1: 1200 N

Please request for technical datasheet at fiber@scankab.dk













Approvals:

IEC 60304, IEC 60092 Part 360, IEC 60794-1-2 G1, IEC 60794-1-2 E3, IEC 60794-1-2, E4, IEC 60794-1-2, E4, IEC 60332-1-2 IEC 60332-3-24 Cat. C, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60811-2-1, IEC 60794-2, DNV-GL, Germanischer Lloyd, CE, RoHS



SCANFIBER® Marine TB AT-V(ZN)H(ZN)H

Properties and installation:

-  Bending radius 15 x cable diameter
-  Fire retardant acc. to IEC 60332-3-24 (CAT-C)
-  Flame retardant acc. to IEC 60332-1
-  For use on ships
-  Halogen free
-  Low emission of corrosive gases acc. to IEC 60754
-  Low smoke emission during fire acc. to 61034
-  Max. working temp. +60° C
-  Min. working temperature -40° C
-  Oil resistant
-  Resistance towards oil and chemicals
-  Water resistant

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84156120S21169	5704403201600	12xOS2 (G652D)	-	D./Cut	17,4	270
84156120M31170	5704403201617	12xOM3	-	D./Cut	17,4	270
84156120M41171	5704403201624	12xOM4	-	D./Cut	17,4	270

* The values can have small deviations

SCANFIBER® Flex A-V(ZN)11Y(ZN)B11Y 2

Application:

Flexible cable for indoor and outdoor use. Designed for harsh environments with a durable PUR jacket. The cable is suitable for military use, for Broadcast, Live music, and other applications where the cable must be extra robust and flexible. For direct connector assembly.

Construction:

Cable core: 2 tight buffered fibres TB900L and 2 fillers stranded around a central strength member (FRP).

Tight buffered fibres TB900L, outer diameter 0.9 mm, with bend insensitive fibres (G657A2, OM3BI or OM4BI).

Fiber colour: Blue, orange

Inner sheath: Polyurethane (TPE-U), wall thickness approx. 1.2 mm.
Outer diameter approx. 6.0 mm., black

Strain relief: Inner strain relief elements (aramid), wrapped.

Outer sheath: Polyurethane (TPE-U), wall thickness approx. 1.3 mm.
Outer diameter approx. 9.2 mm, black, UV-resistant

Armour: Wrapped multifunctional E-glass yarns, as strain relief elements and non-metallic rodent protection.

Technical data:

Working temperature: Transport and storage: -55°C to +85°C
Installation: -40°C to +70°C
In use: -55°C to +85°C

Bend radius: Fixed: 10 x cable diameter
During installation: 15 x cable diameter

Technical comments: Max. tensile force, ST: 2200 N
Max. crush resistance, ST: 5000 N/dm
Impact resistance: RT, stamp radius 12.5mm, 20 impacts, force 4.41Nm
Crush resistance: RT, plate 10cmx10cm, 3 cycles, Load 6440N, time 10min

Please request for technical datasheet at fiber@scankab.dk



Approvals:

IEC 60092 Part 360, IEC 60794-1-2 G1, IEC 60794-1-2 E3, IEC 60794-1-2, E4, IEC 60794-1-2, E4, IEC 60332-1-2, IEC 60332-3-24 Cat. C, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60811-2-1, IEC 60794-2, DNV-GL, Germanischer Lloyd, CE, RoHS



SCANFIBER® Flex A-V(ZN)11Y(ZN)B11Y 2

Properties and installation:



Bending radius 15 x cable diameter



Flexible



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +85° C



Min. working temperature -55° C



Oil resistant



Resistance towards oil and chemicals



UV-resistant

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84191020S21175	5704403201631	12x0S2 (G652D)	-	D./Cut	9,2	82
84191020M31176	5704403201648	12x0M3	-	D./Cut	9,2	82
84191020M41177	5704403201655	12x0M4	-	D./Cut	9,2	82

* The values can have small deviations

SCANFIBER® Flex A-V(ZN)11Y(ZN)B11Y 4

Application:

Flexible cable for indoor and outdoor use. Designed for harsh environments with a durable PUR jacket. The cable is suitable for military use, for Broadcast, Live music, and other applications where the cable must be extra robust and flexible. For direct connector assembly.

Construction:

Cable core:	4 Tight buffered fibres TB900L stranded around a central strength member (FRP). Tight buffered fibres TB900L, outer diameter 0.9 mm, with bend insensitive fibres (G657A2, OM3BI or OM4BI). Fiber colour in the inner layer: blue, orange, green, brown
Inner sheath:	Polyurethane (TPE-U), wall thickness approx. 1.2 mm. Outer diameter approx. 6.0 mm., black
Strain relief:	Inner strain relief elements (aramid), wrapped.
Outer sheath:	Polyurethane (TPE-U), wall thickness approx. 1.3 mm. Outer diameter approx. 9.2 mm, black, UV-resistant
Armour:	Wrapped multifunctional E-glass yarns, as strain relief elements and non-metallic rodent protection.



Technical data:

Working temperature:	Transport and storage: -55°C to +85°C Installation: -40°C to +70°C In use: -55°C to +85°C
Bend radius:	Fixed: 10 x cable diameter During installation: 15 x cable diameter
Technical comments:	Max. tensile force, short term: 2200 N Max. crush resistance, short term: 5000 N/dm Impact resistance: RT, stamp radius 12.5mm, 20 impacts, force 4.41Nm Crush resistance: RT, plate 10cmx10cm, 3 cycles, Load 6440N, time 10min

Please request for technical datasheet at fiber@scankab.dk

Approvals:

IEC 60092 Part 360, IEC 60794-1-2 G1, IEC 60794-1-2 E3, IEC 60794-1-2, E4, IEC 60794-1-2, E4, IEC 60332-1-2, IEC 60332-3-24 Cat. C, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60811-2-1, IEC 60794-2, DNV-GL, Germanischer Lloyd, CE, RoHS



SCANFIBER® Flex A-V(ZN)11Y(ZN)B11Y 4

Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +85° C



Min. working temperature -55° C



Oil resistant



Resistance towards oil and chemicals



UV-resistant

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84191040S21178	5704403201662	4x0S2 (G652D)	-	D./Cut	9,2	82
84191040M31179	5704403201679	4x0M3	-	D./Cut	9,2	82
84191040M41180	5704403201686	4x0M4	-	D./Cut	9,2	82

* The values can have small deviations

SCANFIBER® Flex A-V(ZN)11Y(ZN)B11Y 12

Application:

Flexible cable for indoor and outdoor use. Designed for harsh environments with a durable PUR jacket. The cable is suitable for military use, for Broadcast, Live music, and other applications where the cable must be extra robust and flexible. For direct connector assembly.

Construction:

- Cable core: 12 Tight buffered fibres TB900L stranded around a central strength member (FRP).
- Tight buffered fibres TB900L, outer diameter 0.9 mm, with bend insensitive fibres (G657A2, OM3BI or OM4BI).
- Fiber colour in the inner layer: red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink.
- Inner sheath: Polyurethane (TPE-U), wall thickness approx. 1.2 mm, Outer diameter approx. 7.9 mm
Colour: black
- Strain relief: Inner strain relief elements (aramid), wrapped.
- Outer sheath: Polyurethane (TPE-U), wall thickness approx. 1.1 mm.
Outer diameter approx. 10,8 mm, black, UV-resistant
- Armour: Wrapped multifunctional E-glass yarns, as strain relief elements and non-metallic rodent protection.



Technical data:

- Working temperature: Transport and storage: -55°C to +85°C
Installation: -40°C to +70°C
In use: -55°C to +85°C
- Bend radius: Fixed: 10 x cable diameter
During installation: 15 x cable diameter
- Technical comments: Max. tensile force, ST: 2200 N
Max. crush resistance, ST: 5000 N/dm
Crush resistance: RT, plate 10cmx10cm, 3 cycles, Load 6440N, time 10min

Please request for technical datasheet at fiber@scankab.dk

Approvals:

IEC 60092 Part 360, IEC 60794-1-2 G1, IEC 60794-1-2 E3, IEC 60794-1-2, E4, IEC 60794-1-2, E4, IEC 60332-1-2, IEC 60332-3-24 Cat. C, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60811-2-1, IEC 60794-2, DNV-GL, Germanischer Lloyd, CE, RoHS



SCANFIBER® Flex A-V(ZN)11Y(ZN)B11Y 12

Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +85° C



Min. working temperature -55° C



Oil resistant



Resistance towards oil and chemicals



UV-resistant

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
8419112052a1205	5704403202225	12x0S2 (G652D)	-	D./Cut	10,8	111
84191120M31207	5704403202232	12x0M3	-	D./Cut	10,8	111
84191120M41209	5704403202249	12x0M4	-	D./Cut	10,8	111

* The values can have small deviations

SCANFIBER® Flex A-V(ZN)11Y 2

Application:

Flexible cable for indoor and outdoor use. Designed for harsh environments with a durable PUR jacket. The cable is suitable for military use, for Broadcast, Live music, and other applications where the cable must be extra robust and flexible. For direct connector assembly.

Construction:

Cable core:	2 Tight buffered fibres TB900L and 2 fillers stranded around a central strength member (FRP).
	Tight buffered fibres TB900L, outer diameter 0.9 mm, with bend insensitive fibres (G657A2, OM3BI or OM4BI)
	Fiber colour in the inner layer: blue, filler, orange, filler
Inner sheath:	Polyurethane (TPE-U), wall thickness approx. 1.2 mm. Outer diameter approx. 6.0 mm., black
Strain relief:	Inner strain relief elements (aramid), wrapped
Outer sheath:	Polyurethane (TPE-U), wall thickness approx. 1.1 mm. Outer diameter approx. 5.0 mm., black, UV-resistant
Armour:	Wrapped multifunctional E-glass yarns, as strain relief elements and non-metallic rodent protection



Technical data:

Working temperature: Transport and storage: -55°C to +85°C
 Installation: -5°C to +50°C
 In use: -55°C to +85°C

Bend radius: Fixed: 10 x cable diameter
 During installation: 15 x cable diameter

Technical comments: Max. tensile force, ST: 700 N
 Max. crush resistance, ST: 1800 N/dm

Please request for technical datasheet at fiber@scankab.dk

Approvals:

IEC 60092 Part 360, IEC 60794-1-2 G1, IEC 60794-1-2 E3, IEC 60794-1-2, E4, IEC 60794-1-2, E4, IEC 60332-1-2, IEC 60332-3-24 Cat. C, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60811-2-1, IEC 60794-2, DNV-GL, Germanischer Lloyd, CE, RoHS



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +85° C



Min. working temperature -55° C



Oil resistant



Resistance towards oil and chemicals



UV-resistant

Fiber cables



SCANFIBER® Flex A-V(ZN)11Y 2

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
84191020S21182	5704403201693	2x9/125 OS2 (G652D)	-	D./Cut	5,0	22
84191020M31183	5704403201709	2x50/125 OM3	-	D./Cut	5,0	22
84191020M41184	5704403201716	2x50/125 OM4	-	D./Cut	5,0	22

* The values can have small deviations

SCANFIBER® Flex A-V(ZN)11Y 4

Application:

Flexible cable for indoor and outdoor use. Designed for harsh environments with a durable PUR jacket. The cable is suitable for military use, for Broadcast, Live music, and other applications where the cable must be robust and flexible. For direct connector assembly.

Construction:

Cable core:	4 Tight buffered fibres TB900L stranded around a central strength member (FRP). Tight buffered fibres TB900L, outer diameter 0.9 mm, with bend insensitive fibres (G657A2, OM3BI or OM4BI) Fiber colour in the inner layer: blue, orange, green and brown.
Inner sheath:	Polyurethane (TPE-U), wall thickness approx. 1.2 mm. Outer diameter approx. 6.0 mm., black
Strain relief:	Strain relief elements (aramid), wrapped
Outer sheath:	Polyurethane (TPE-U), wall thickness approx. 1.35 mm. Outer diameter approx. 5.8 mm., black, UV-resistant
Armour:	Wrapped multifunctional E-glass yarns, as strain relief elements and non-metallic rodent protection.



Technical data:

Working temperature:	Transport and storage: -55°C to +85°C Installation: -5°C to +50°C In use: -55°C to +85°C
Bend radius:	Fixed: 10 x cable diameter During installation: 15 x cable diameter
Technical comments:	Max. tensile force, short term: 900 N Max. crush resistance, short term: 2000 N/dm Torsion: 5000 cycles, +/-1080° per m at -40°C 3000 cycles, +/-1080° per m at -55°C

Please request for technical datasheet at fiber@scankab.dk

Approvals:

IEC 60092 Part 360, IEC 60794-1-2 G1, IEC 60794-1-2 E3, IEC 60794-1-2, E4, IEC 60794-1-2, E4, IEC 60332-1-2, IEC 60332-3-24 Cat. C, IEC 61034, IEC 60754-1, IEC 60754-2, IEC 60811-2-1, IEC 60794-2, DNV-GL, Germanischer Lloyd, CE, RoHS



SCANFIBER® Flex A-V(ZN)11Y 4

Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +85° C



Min. working temperature -55° C



Oil resistant



Resistance towards oil and chemicals



UV-resistant

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
-	-	2x9/125 (G652D)	-	D./Cut	5,8	30
-	-	2x50/125OM3	-	D./Cut	5,8	30
-	-	2x50/125 OM4	-	D./Cut	5,8	30

* The values can have small deviations

Colour code



IEC 60304

1-12 fibers

Number of fibers	Colour
1	Red
2	Green
3	Blue
4	Yellow
5	White
6	Grey
7	Brown
8	Violet
9	Turquoise
10	Black
11	Orange
12	Pink

13-24 fibers

- black ring marking (expect transparant)

Number of fibers	Colour
1	Red
2	Green
3	Blue
4	Yellow
5	White
6	Grey
7	Brown
8	Violet
9	Turquoise
10	Transparent
11	Orange
12	Pink





Scankab set out as the cable industry's answer to "garage rock"

From the outset in 1992, Scankab was the rebel of the cable industry. The business sold cables from a small garage store room and challenged the cable market. Today, it is still part of the company's DNA to set new standards for the industry.

Scankab develops, manufactures and supplies quality cables and cable management to electrical contractors, industry, marine & offshore, infrastructure and energy. The range includes more than 3500 stocked cable types. Scankab has its head office and warehouse in Aarup in Funen and its subsidiaries in Norway and Sweden.



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