

B14\_e 2011-06-29 Version 1.6 Draka UC<sup>FIBRE</sup> OFC Data Range overview

Product	Data sheet	Cross reference					Standard colour	Fibre count	Maximum installation tensile strength dynamic	Fire rating				Sheath material	Min-Max. Ø
		DIN/VDE Germany	Norway	France	Denmark	Single wire test IEC 60332-1-2				Bunched cable test IEC 60332-3-24	No Halogens IEC 60754	No dense smoke IEC 61034			
<b>Indoor cables</b>															
<b>Indoor cables, central tube construction</b>															
UC <sup>FIBRE</sup> I CT N LSHF-FR 1.0kN	E05a	J-D(ZN)H		QXAI-I/O-JS		Grey	2 – 24 fibres	1000 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	6.0 - 6.5 mm	
UC <sup>FIBRE</sup> I CT D DA LSHF-FR 1.5kN	E17a	J-DQ(ZN)BH		QXAI-I/O/RG-JS/W	GARPE 5 FR plus	Grey	2 – 24 fibres	1500 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	7.5 - 8.0 mm	
UC <sup>FIBRE</sup> I CT D DA LSHF-FR 3.0kN	E15a	J-DQ(ZN)BH		QXAI-I/O/RG-JS/W	GARPE 4 FR plus	Grey	2 – 24 fibres	3000 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	9.5 - 10.0 mm	
<b>Indoor cables, stranded loose tube construction</b>															
UC <sup>FIBRE</sup> I ST D LSHF-FR 1.8kN	N06a	J-DQH		QXXI-I/O-JM/W		Grey	6 – 264 fibres	1800 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	10.5 - 16.5 mm	
UC <sup>FIBRE</sup> I ST D DA LSHF-FR 6.0kN	N03a	J-DQ(ZN)BH		QXAI-I/O/RG-JM/W	GARPE 3 FR plus	Grey	6 – 96 fibres	6000 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	13.0 - 14.5 mm	
UC <sup>FIBRE</sup> I ST D MA LSHF-FR 1.8 kN	I09a	J-DQH(SR)H		QINI-I/O/RM-JM/W		Grey	6 – 96 fibres	1800 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	13.0- 19.5 mm	
<b>Indoor cables, distribution style = mini breakout, ES9 tight buffer</b>															
UC <sup>FIBRE</sup> I DI N LSHF-FR ES9	D02b	J-V(ZN)H		AXAI-I/O	COMTLK	Yellow/Grey/Orange/Aqua	2 – 24 fibres	1000 - 1500 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	4.5 - 8.0 mm	
UC <sup>FIBRE</sup> I B N LSHF-FR ES9	D06b	J-V(ZN)HH		AXAI-I/O	COMTFZ	Yellow/Grey/Orange/Aqua	24 – 96 fibres	3300 - 6000 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	12.0 - 19.0 mm	
<b>Indoor cables, distribution style = mini breakout, LS9 dry semi tight buffer</b>															
UC <sup>FIBRE</sup> I DI N LSHF LS9	D20a	J-V(ZN)H				Yellow/Grey/Orange/Aqua	2 – 12 fibres	1000 - 1500 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	5.0 - 7.0 mm	
<b>Indoor cables, full breakout, ES9 tight buffer</b>															
UC <sup>FIBRE</sup> I B N LSHF-FR ES9 2.0	D03b	J-V(ZN)HH		AIAI-I/O/P-20	COBOLZ	Yellow/Grey/Orange/Aqua	2 – 24 fibres	1300 - 4500 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	7.5 - 14.5 mm	
UC <sup>FIBRE</sup> I B N LSHF-FR ES9 2.1 2	D23	J-V(ZN)HH 2		AIAI-I/P-21		Yellow/Grey/Orange/Aqua	2 fibres	500 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	5.5 mm	
UC <sup>FIBRE</sup> I B N LSHF-FR ES9 2.1 4	D24	J-V(ZN)HH 4		AIAI-I/P-21		Yellow/Grey/Orange/Aqua	4 fibres	850 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	6.5 mm	
<b>Indoor cables, full breakout, LS9 semi tight buffer</b>															
UC <sup>FIBRE</sup> I B N LSHF LS9 2.0	D25a	J-V(ZN)HH			D02 semi	Yellow/Grey/Orange/Aqua	2 – 24 fibres	1300 - 4500 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	7.5 - 14.5 mm	
<b>Universal cables</b>															
<b>Universal cables = indoor/outdoor, central tube construction</b>															
UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN	E14a	U-DQ(ZN)BH		QXAI-I/O/RG-JS/W	COUTFV	Blue	2 – 24 fibres	1000 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	6.0 - 6.5 mm	
UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.5kN	E10a	U-DQ(ZN)BH		QXAI-I/O/RG-JS/W	COUTFW	Blue	2 – 24 fibres	1500 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	7.5 - 8.0 mm	
UC <sup>FIBRE</sup> I/O CT D DA LSHF 3.0kN	E11a	U-DQ(ZN)BH		QXAI-I/O/RG-JS/W	GARPE 4 FR	Blue	2 – 24 fibres	3000 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	9.0 - 9.5 mm	
UC <sup>FIBRE</sup> I/O CT N MA LSHF 1.0kN	E07a	U-D(ZN)(SR)H		QANI-I/O/DB/RM-JS/W		Blue	2 – 24 fibres	1000 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	8.5 - 9.5 mm	
<b>Universal cables = indoor/outdoor, stranded loose tube</b>															
UC <sup>FIBRE</sup> I/O ST D LSHF 1.8kN	N01a	U-DQH		QXXI-I/O-JM/W		Blue	6 – 264 fibres	1800 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	10.5 - 16.5 mm	
UC <sup>FIBRE</sup> I/O ST D DA LSHF 5.0kN	N05a	U-DQ(ZN)BH		QXAI-I/O/RG-JM/W		Blue	6 – 216 fibres	5000 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	11.0- 15.5 mm	
UC <sup>FIBRE</sup> I/O ST D DA LSHF 6.0kN	N02a	U-DQ(ZN)BH		QXAI-I/O/RG-JM/W	GARPE3 3 FR	Blue	6 – 264 fibres	6000 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	14.5- 16.0 mm	
UC <sup>FIBRE</sup> I/O ST D MA LSHF 1.8 kN	I12a	U-DQH(SR)H		QINI-I/O/DB/RM-JM/W	COLTER	Blue	6 – 96 fibres	1800 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	14.5- 16.0 mm	
<b>Universal cables = indoor/outdoor, distribution style = mini breakout, ES9 tight buffer</b>															
UC <sup>FIBRE</sup> I/O DI N LSHF ES9	D12b	U-V(ZN)H		AXAI-I/O	COMTLK	Blue	2- 24 fibres	1500 - 2400 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	6.0 - 8.5 mm	
UC <sup>FIBRE</sup> I/O DI D LSHF-FR ES9	D15a	U-VQ(ZN)H		AXAI-I/O-W		Yellow/Grey/Orange/Aqua	2- 24 fibres	325 - 1400 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	4.5 - 8.0 mm	
UC <sup>FIBRE</sup> I/O DI D LSHF-FR ES9	D16a	U-VQ(ZN)H		AXXI-I/O-W		Black	2- 24 fibres	800 N	Yes	Yes	Yes	Yes	LSHF-FR fire retardant, UV stabilized	9.6 - 10.8 mm	
UC <sup>FIBRE</sup> I/O DI N MA LSHF ES9	D09a	U-V(ZN)H(SR)H		AINI-I/O/DB/RM	COMTFR	Blue	2- 16 fibres	1000 - 1200 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	8.5 - 11.0 mm	
UC <sup>FIBRE</sup> I/O DI D DA LSHF ES9	D11a	U-V(ZN)HH		AIAI-I/O/RG	COMTFW	Blue	2- 24 fibres	3900 - 5400 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	9.0 - 13.0 mm	
<b>Universal cables = indoor/outdoor, full breakout, LS9 dry semi tight buffer</b>															
UC <sup>FIBRE</sup> I/O B D DA LSHF LS9 2.7	D22a	U-V(ZN)HQBH				Black (industrial)	2 – 8 fibres	4500 N	Yes	No	Yes	Yes	LSHF FireBur® sheath, UV stabilized	12.0 - 13.0 mm	
<b>Outdoor Cables</b>															
<b>Outdoor cables, central tube</b>															
UC <sup>FIBRE</sup> O CT D DA PE 1.0kN	E16a	A-DQ(ZN)B2Y		QXAE-O/DT/RG-JS/W	COUTEV	Black	2- 24 fibres	1000 N	No	No	Yes		Black LLDPE sheath	6.0 - 6.5 mm	
UC <sup>FIBRE</sup> O CT D DA PE 1.5kN	E08a	A-DQ(ZN)B2Y		QXAE-O/DT-RS/W		Black	2- 24 fibres	1500 N	No	No	Yes		Black LLDPE sheath	6.5 - 7.0 mm	
UC <sup>FIBRE</sup> O CT D DA PE 3.0kN	E09a	A-DQ(ZN)B2Y		QXAE-O/DT/RG-JS/W	COUTEW	Black	2- 24 fibres	3000 N	No	No	Yes		Black LLDPE sheath	9.0 - 9.5 mm	
UC <sup>FIBRE</sup> O CT N MA PE 1.0kN	E06a	A-D(ZN)(SR)2Y		QANE-O/DB/RM-JS/W	COUTER	Black	2- 24 fibres	1000 N	No	No	Yes		Black MDPE sheath	8.5 - 9.5 mm	
UC <sup>FIBRE</sup> O CT D DA PA 1.5kN	E13a	A-DQ(ZN)B2Y4Y		QXAG-O/DT/RG-JS/W		Orange	2- 24 fibres	1500 N	No	No	Yes		LLDPE sheath+orange PA jacket	8.0 - 8.5 mm	
<b>Outdoor cables, stranded loose tube</b>															
UC <sup>FIBRE</sup> O ST D PE 1.8kN	F07a	A-DQ2Y		QXXE-O/DT-JM/W		Black	6 – 264 fibres	1800 N	No	No	Yes		Black MDPE sheath	10.5 - 17.0 mm	
UC <sup>FIBRE</sup> O ST D DA PE 5.0kN	H08a	A-DQ(ZN)B2Y		QXAE-O/DT/RG-JM/W		Black	6 – 264 fibres	5000 N	No	No	Yes		Black MDPE sheath	11.0- 16.0 mm	
UC <sup>FIBRE</sup> O ST D DA PE 6.0kN	H07a	A-DQ(ZN)B2Y		QXAE-O/DT/RG-JM/W	GARPE 3	Black	6 – 264 fibres	6000 N	No	No	Yes		Black MDPE sheath	13.5- 19.5 mm	
UC <sup>FIBRE</sup> O ST D PE 2.8kN	H06a	A-DQ(ZN)2Y		QXAE-O/DT-JM/W		Black	6 – 312 fibres	2800 N	No	No	Yes		Black MDPE sheath	10.5 - 18.5 mm	
UC <sup>FIBRE</sup> O ST D MA PE 1.8kN	I11a	A-DQ2Y(SR)2Y		QENE-O/DB/RM-JM/W		Black	2 – 312 fibres	1800 N	No	No	Yes		Black MDPE sheath	14.0- 23.0 mm	
UC <sup>FIBRE</sup> O ST D DA PE PA 1.8kN	G07c	A-DQ2Y4Y		QEXG-O/DT/RX-JM/W		Orange	6 – 312 fibres	1800 N	No	No	Yes		Black MDPE sheath+orange PA jacket	11.5- 19.5 mm	
UC <sup>FIBRE</sup> O ST D DA PE PA 3.0kN	G07d	A-DQ2Y4Y		QEXG-O/DT/RX-JM/W		Orange	24 – 288 fibres	3000 N	No	No	Yes		Black MDPE sheath+orange PA jacket	13.0- 19.0 mm	
UC <sup>FIBRE</sup> O ST D DA PE PA 8.5kN	G05a	A-DQ(ZN)2Y4Y		QEAG-O/DT/RX-JM/W		Orange	144 – 864 fibres	8500 N	No	No	Yes		Black MDPE sheath	14.0- 27.0 mm	
UC <sup>FIBRE</sup> O ST F DA PE 2.7kN	H01a	A-DF2YQ(ZN)B2Y		QEAE-O/DT-JM/W		Black	4 – 36 fibres	2700 N	No	No	Yes		Black MDPE sheath	16.0 mm	
UC <sup>FIBRE</sup> ADS5	Q04b	A-DF2Y(ZN)2Y		QEAE-O/AD-JM/W		Black	4 – 96 fibres	13000 - 21000 N	No	No	Yes		Black HDPE sheath	16.0- 18.5 mm	
UC <sup>FIBRE</sup> Aerial fig-8	Q05a	A-DF2Y		QXWE-O/AM-5-JM/W		Black	2 – 48 fibres	10000 N	No	No	Yes		Black MDPE sheath	11.5 x 20 mm	
<b>Assembly cables</b>															
<b>Single and two fibre cables, ES9 tight buffer</b>															
UC <sup>FIBRE</sup> I S N LSHF-FR ES9 2.8 1	D04c	J-V(ZN)H 1		AXAI-I/P-28	COPSLK	Yellow/Grey/Orange/Aqua	1 fibre	300 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	2.8 mm	
UC <sup>FIBRE</sup> I S N LSHF-FR ES9 2.0 1	D10d	J-V(ZN)H 1		AXAI-I/P-20		Yellow/Grey/Orange/Aqua	1 fibre	120 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	2.0 mm	
UC <sup>FIBRE</sup> I S N LSHF-FR ES9 1.6 1	D08a	J-V(ZN)H 1		AXAI-I/P-16		Yellow/Grey/Orange/Aqua	1 fibre	100 N	No	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	1.6 mm	
UC <sup>FIBRE</sup> I T N LSHF-FR ES9 3.0 2	D01d	J-V(ZN)H 2		AXAI-I/P-29		Yellow/Grey/Orange/Aqua	2 fibre	600 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	2.9 mm x 5.9 mm	
UC <sup>FIBRE</sup> I T N LSHF-FR ES9 2.8 2	D01c	J-V(ZN)H 2		AXAI-I/P-28	COPZLK	Yellow/Grey/Orange/Aqua	2 fibre	600 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	2.8 mm x 5.7 mm	
UC <sup>FIBRE</sup> I T N LSHF-FR ES9 2.0 2	D10e	J-V(ZN)H 2		AXAI-I/P-20	COPSLK	Yellow/Grey/Orange/Aqua	2 fibre	240 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	2.0 mm x 4.2 mm	
UC <sup>FIBRE</sup> I T N LSHF-FR ES9 1.8 2	D17a	J-V(ZN)H 2		AXAI-I/P-18		Yellow/Grey/Orange/Aqua	2 fibre	240 N	No	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	1.8 mm x 3.7 mm	
UC <sup>FIBRE</sup> I T N LSHF-FR ES9 1.6 2	D05b	J-V(ZN)H 2		AXAI-I/P-16		Yellow/Grey/Orange/Aqua	2 fibre	250 N	No	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	1.6 mm x 3.3 mm	
UC <sup>FIBRE</sup> I FL N LSHF-FR ES9 2.0 2	D10f	J-V(ZN)H 2		AIAI-I/P-20	COPFLK	Yellow/Grey/Orange/Aqua	2 fibre	240 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	3.0 mm x 5.0 mm	
UC <sup>FIBRE</sup> I T N LSHF-FR ES9 2.8 2	D07a	J-V(ZN)H 2		AXAI-I		Yellow/Grey/Orange/Aqua	2 fibre	450 N	No	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	2.8 mm	
UC <sup>FIBRE</sup> S LSHF ES9 0.9 1	D29	J-V		AXXX-I/P-09		12 colors	1 fibre		No		Yes	Yes	LSHF-FR sheath	0.9 mm	
<b>Single and two fibre cables, LS9 semi tight buffer</b>															
UC <sup>FIBRE</sup> I S N LSHF-FR LS9 1.8 1	D28	J-V(ZN)H 1				Yellow/Grey/Orange/Aqua	1 fibre	100 N	No	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	1.8 mm	
UC <sup>FIBRE</sup> I T N LSHF-FR LS9 3.0	D19a	J-V(ZN)H 2				Yellow/Grey/Orange/Aqua	2 fibre	600 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	2.9 mm x 5.9 mm	
UC <sup>FIBRE</sup> I T N LSHF-FR LS9 1.8	D27	J-V(ZN)H 2				Yellow/Grey/Orange/Aqua	2 fibre	200 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	1.8 mm x 3.7 mm	
UC <sup>FIBRE</sup> I FL N LSHF-FR LS9 2.0	D21a	J-V(ZN)HH 2				Yellow/Grey/Orange/Aqua	2 fibre	240 N	Yes	Yes	Yes	Yes	LSHF-FR FireRes® sheath, UV stabilized	3 mm x 5 mm	
UC <sup>FIBRE</sup> S LSHF LS9 0.9 1	D26	J-V 1				12 colors	1 fibre		Yes		Yes	Yes	LSHF-FR sheath	0.9 mm	
<b>Specialty cables</b>															
Firetuf <sup>FIBRE</sup> I/O ST D MA LSHF-FR 1.8 kN	I10b	U-DQH(SR)H		QINI-I/O/RM-JM/W	LTnnmm-51-xxx	Blue	9 – 96 fibres	1800 N					LSHF-FR FireRes® sheath, UV stabilized	15.5 mm	
Firetuf <sup>FIBRE</sup> I/O ST D DA LSHF-FR 6 kN	N04	U-DQ(ZN)BH		QXAI-I/O/RG-JM/W	LTnnmm-70-xxx	Blue	6 – 216 fibres	6000 N					LSHF-FR FireRes® sheath, UV stabilized	13.5- 18.0 mm	
UC <sup>FIBRE</sup> I/O DI N PUR T	P02	J-V(ZN)11Y		AXAN-I/O		Black	2 – 6 fibres	2000 N	Yes	No	Yes	No	Black PUR fire retardant, UV stabilized	6.0 - 6.5 mm	