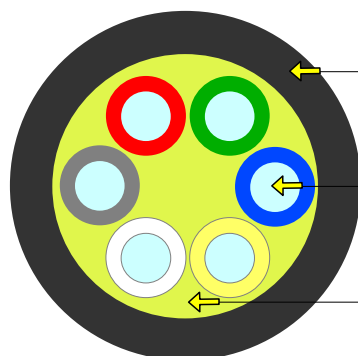


Drop Cable

ID: **Z236**

J/A-N(ZN)H MM max. 12F

This cable is suitable for indoor or outdoor aerial use.



The picture represents a cable with 6 fibres

Black FR-LSZH outer jacket, UV stable
Other jacket colour available on request

Optical fibre

Aramid yarn

Fibre colour coding

According to IEC 60304

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

Other fibre colour sequences available on request

Fibre Type

OFS MM 50/125 „BEND OPTIMIZED MULTIMODE“

See the Fibre Specification sheet

Sheat Marking

Print colour	White
Print method	INK-Jet
Print legend	manufacturer's name, job number, type of cable, length marking @ 1 m intervals

Other print legends available on request

Order example

2100 m J/A-N(ZN)H 50/125 jacket colour BLK, cable specification Z236

Mechanical and Environmental properties

Max. tensile strength	*E1A	500 N
Crush resistance	*E3	500 N/10cm
Impact resistance	*E4	3 impacts (w/5N.m)
Min. bend radius	*E11A	7,5 mm
Thermal expansion coefficient		-1,9 ppm/K
Span		max. 50 m
Sag		1,50%
Temperature range	*F1	
installation		-5 °C to +50 °C
operation		-20 °C to +60 °C
storage		-20 °C to +60 °C
Cable informative nominal weight (calc.)		13 kg/km
Standard put-up length		2100 m
Packaging		Plywood drum
Outer jacket thickness		0,8 ± 0,2 mm
Cable outer diameter		3,4 ± 0,4 mm (measured acc.to EN 60811-1-1)

* IEC 60794-1-2

Note: When installing or assembly under temperature bellow 5°C cable has to be stock in temp of 20°C at least 24h before installation.

Cable life time - minimum 30 years



TELENCO Code 7593

Max. Change Attenuation* (fully reversible after decrease load)

100N	<0,16dB at 1300 nm
200N	<0,29dB at 1300 nm
300N	<0,38dB at 1300 nm
400N	<0,45dB at 1300 nm
500N	<0,49dB at 1300 nm

*Tested with clamp TELENCO Code 7593, (4 full turns)

Drop Cable

ID: **Z236**

J/A-N(ZN)H MM max. 12F

Max. 12 fibers

-0,8 ppm/K

Max. fibre strain 0,8%

SPAN (m)	INSTALLATION		NESC LIGHT			NESC MEDIUM			NESC HEAVY		
			sag (m)		load (N)	Sag (m)		load (N)	sag (m)		load (N)
	Sag 1,5%(m)	N	horizontal	vertical		horizontal	vertical		horizontal	vertical	
20	0,3	22	0,53	0,29	142	0,56	0,70	320	0,59	0,96	0,533
30	0,5	30	0,91	0,50	188	0,95	1,19	424			
40	0,6	44	1,29	0,71	237	1,37	1,72	523			
50	0,8	52	1,73	0,96	275						
60	0,9	66	2,16	1,19	318						
70	1,1	74	2,65	1,46	353						
80	1,2	88	3,13	1,73	392						
90	1,4	94	3,62	2,0	420						
100	1,5										
110	1,7										
120	1,8										
130	2,0										
140	2,1										
150	2,3										

SPAN (m)	INSTALLATION		NESC LIGHT			NESC MEDIUM			NESC HEAVY		
			sag (m)		load (N)	Sag (m)		load (N)	sag (m)		load (N)
	Sag 3%(m)	N	horizontal	vertical		horizontal	vertical		horizontal	vertical	
20	0,6	11	0,67	0,37	113	0,62	0,78	286	0,64	1,04	495
30	0,9	17	1,09	0,60	157	1,04	1,30	390			
40	1,2	22	1,54	0,85	199	1,49	1,87	483			
50	1,5	28	2,01	1,11	238	1,99	2,48	569			
60	1,8	33	2,52	1,39	274						
70	2,1	39	3,05	1,68	309						
80	2,4	44	3,60	1,99	342						
90	2,7	50	4,17	2,30	374						
100	3,0	55	4,75	2,62	406						
110	3,3	61	5,35	2,95	437						
120	3,6										
130	3,9										
140	4,2										
150	4,5										

