

# Drop Cable

ID: **Z236**

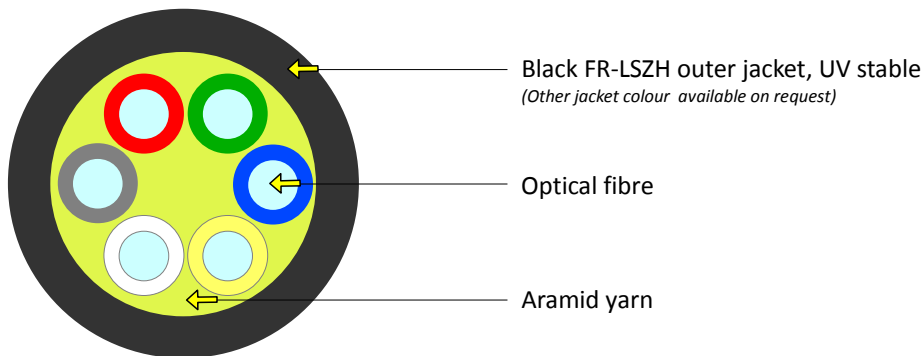


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18.9.2017 ver. 6

## 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

### Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	3,4 ± 0,4	mm	EN 60811-203
Cable weight	13	kg/km	
Outer jacket thickness	0,8	mm	
Max. tensile strength	700	N	EN 60794-1-21-E1
Crush resistance test	1000	N	EN 60794-1-21-E3
Impact resistance test	3	Nm	EN 60794-1-21-E4
Min. bend radius (no load)	10	× OD	EN 60794-1-21-E11a
Min. bend radius (load)	12	× OD	EN 60794-1-21-E11b
Moisture resistance test	pass		EN 60794-1-22-F5
Temperature range	Installation	-5 to + 50	°C
	Operation	-20 to + 60	°C
	Storage	-20 to + 60	°C
Fire properties – Flammability	pass		EN 60332-3-22 (cat.A)
Fire properties – Acid gases			EN 60754-1
			EN 60754-2
Fire properties – Smoke density			EN 61034-1
			EN 61034-2

Cable life time - minimum 30 years

### 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

### 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

Single mood 9/125 G.657 A, Multi mood

See the Fibre Specification sheet

### Packing

Depending on ordered put-up lengths

<p><b>TELENCO Code</b> <b>7593</b></p>	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)	

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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										

