

Drop Cable

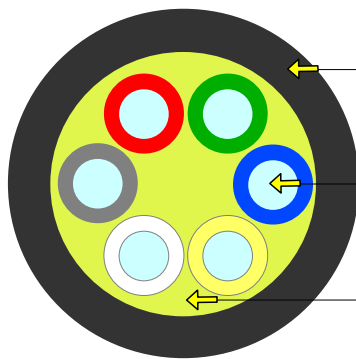
ID: **Z237**



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 29.5.2017 ver. 8

J/A-N(ZN)H 1000N max. 12F

This cable is suitable for indoor or outdoor aerial use.



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

Optical fibre

Aramid yarn



Recommended clamp
 TELENCO Code 7593

The picture represents a cable with 6 fibres

Mechanical and environmental properties

Test	Value	Unit	Method
Cable outer diameter	2F	3,0 ± 0,2	mm EN 60811-203
	4F	3,2 ± 0,4	
	8F	3,2 ± 0,4	
	12F	3,4 ± 0,4	
Cable weight	2F	11	kg/km
	4F	11	
	8F	12	
	12F	13	
Outer jacket thickness	0,8	mm	
Max. tensile strength	1000	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
Temperature range	Installation	-5 to + 50	°C EN 60794-1-22-F1
	Operation	-20 to + 60	
	Storage	-20 to + 60	
Fire properties – Flammability	pass		EN 60332-3-22 (cat. A)
Fire properties – Acid gases	pass		EN 60754-1
			EN 60754-2
Fire properties – Smoke density	pass		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 mode fiber 9/125 G.657

See the Fibre Specification sheet

Packing

Depending on ordered put-up lengths

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-1,4 ppm/K

Max. fibre strain 0,6%

SPAN (m)	INSTALATION		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	28	0,48	0,22	196	0,46	0,57	405	0,48	0,79	668
30	0,5	38	0,83	0,38	257	0,78	0,97	534	0,82	1,34	884
40	0,6	56	1,16	0,54	325	1,12	1,39	664			
50	0,8	65	1,56	0,72	379	1,51	1,88	772			
60	0,9	84	1,94	0,90	438	1,91	2,37	883			
70	1,1	93	2,38	1,10	488						
80	1,2	112	2,79	1,29	542						
90	1,4	121	3,28	1,52	586						
100	1,5	140	3,72	1,72	638						
110	1,7	149	4,23	1,96	679						
120	1,8	167	4,70	2,18	728						
130	2,0	177	5,24	2,42	767						
140	2,1	195	5,73	2,65	814						
150	2,3	205	6,28	2,91	853						

SPAN (m)	INSTALATION		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	14	0,65	0,30	145	0,54	0,67	345	0,53	0,87	604
30	0,9	21	1,03	0,48	206	0,88	1,1	475	0,89	1,45	820
40	1,2	28	1,44	0,67	263	1,27	1,57	591			
50	1,5	35	1,88	0,87	316	1,67	2,08	700			
60	1,8	42	2,34	1,08	365	2,1	2,61	805			
70	2,1	49	2,82	1,31	413						
80	2,4	56	3,31	1,53	460						
90	2,7	63	3,82	1,77	505						
100	3,0	70	4,35	2,01	548						
110	3,3	77	4,89	2,26	590						
120	3,6	84	5,44	2,52	631						
130	3,9	91	6,02	2,79	671						
140	4,2	98	6,59	3,05	711						
150	4,5	105	7,18	3,32	750						
160	4,8	112	7,79	3,61	787						
170	5,1	119	8,39	3,89	825						

