

Self-Supporting Flat Cable

ID: **Z159**

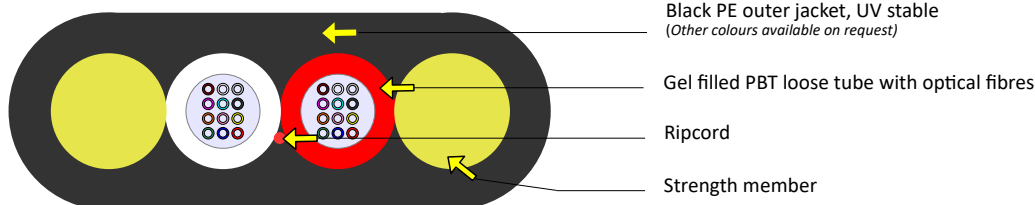


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A-D(2ZN)2YT 2×1,7 max. 24F

This cable is suitable for outdoor aerial use or direct burial to sand bed.



Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	9,1±0,3x 3,8±0,6	mm	EN 60811-203
Cable weight	36	kg/km	
Outer jacket thickness	1,0 ± 0,2	mm	
Loose tube diameter	1,7	mm	
Max. tensile strength	1300	N	EN 60794-1-21-E1
Maximum short-term tensile strength	1600	N	EN 60794-1-2-E1
Crush resistance test	4000	N	EN 60794-1-21-E3
Impact resistance test	20	Nm	EN 60794-1-21-E4
Min. bend radius (no load)	10	× OD	EN 60794-1-21-E11a
Min. bend radius (load)	14	× OD	EN 60794-1-21-E11b
Compound flow	pass		EN 60794-1-21-E14
Moisture resistance test	pass		EN 60794-1-22-F5
Temperature range	Installation	-15 to + 50	°C
	Operation	-40 to + 70	°C
	Storage	-40 to + 70	°C

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

* with black rings

Other fibre colour sequences available on request

Tube colour coding

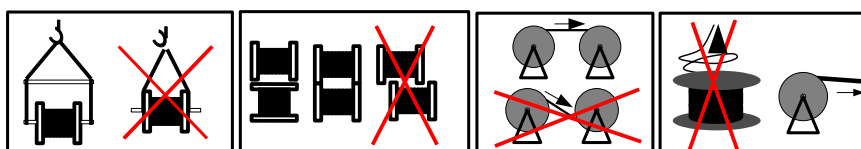
1	Red
2	Natur

Other tubes colour sequences available on request

Packing

Depending on ordered put-up lengths

SPAN (m)	INSTALATION		NESC LIGHT			NESC MEDIUM			NESC HEAVY		
			sag (m)		load (N)	Sag (m)		load (N)	sag (m)		load (N)
	sag (m)	N	horizontal	vertical		horizontal	vertical		horizontal	vertical	
20	0,3	84	0,47	0,13	478	0,36	0,43	683	0,35	0,59	1066
30	0,5	114	0,81	0,22	628	0,61	0,74	898	0,6	1,01	1419
40	0,6	169	1,12	0,3	809	0,86	1,05	1128			
50	0,8	198	1,51	0,4	940	1,16	1,41	1319			
60	0,9	253	1,86	0,5	1095						
70	1,1	282	2,29	0,61	1215						
80	1,2	338	2,68	0,72	1358						



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