

All Dielectric Self-Supporting Cable

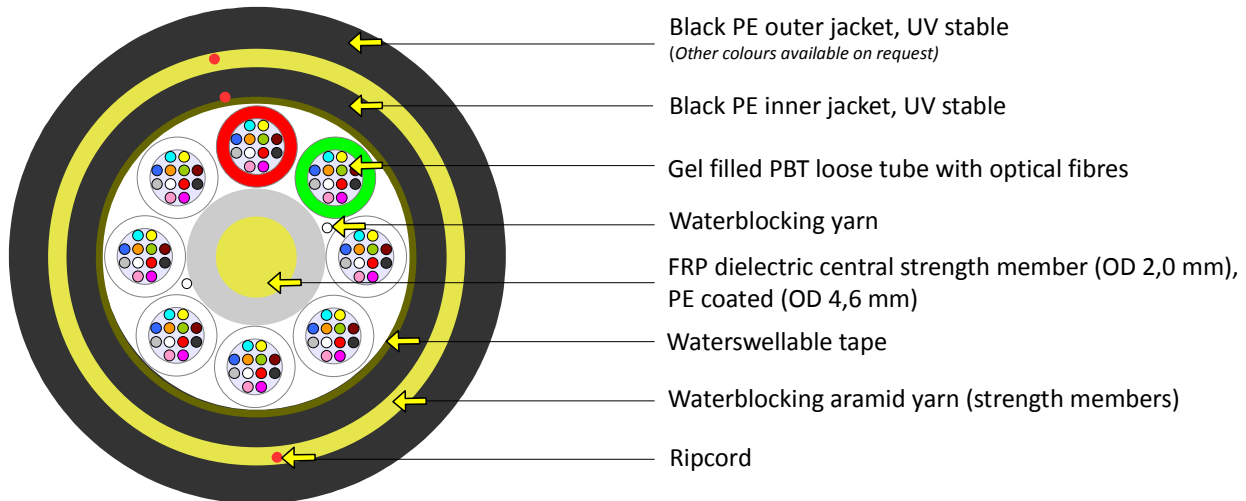


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 1.2.2019 ver. 7

ID: **N5ZI**

ADSS-DQ2Y(ZN)2YT 10kN 8×2,8 max. 96F

This cable is suitable for outdoor aerial use.



- Black PE outer jacket, UV stable
(Other colours available on request)
- Black PE inner jacket, UV stable
- Gel filled PBT loose tube with optical fibres
- Waterblocking yarn
- FRP dielectric central strength member (OD 2,0 mm),
PE coated (OD 4,6 mm)
- Waterswellable tape
- Waterblocking aramid yarn (strength members)
- Ripcord

Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	17,0±0,4	mm	EN 60811-203
Cable weight	225	kg/km	
Outer jacket thickness	2	mm	
Loose tube diameter	2,8	mm	
Thermal expansion coefficient	10,9	ppm/K	
Modulus of elasticity	9,2	Gpa	
Maximum allowable tension	10	kN	EN 60794-1-21-E1
Crush resistance test	3000	N	EN 60794-1-21-E3
Impact resistance test	30	Nm	EN 60794-1-21-E4
Min. bend radius (no load)	15	× OD	EN 60794-1-21-E11a
Min. bend radius (load)	20	× OD	EN 60794-1-21-E11b
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 or Hot-foil
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

Tube colour coding

1	Red
2	Green
3 - 8	White

In the case of lower number of fibres some tubes are replaced by uncoloured fillers

Other tubes colour sequences available on request

Packing

Depending on ordered put-up lengths

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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	
40	0,6	761	0,88	0,29	2031	0,58	0,8	2333	0,56	1,05	3356
60	0,9	1142	1,44	0,48	2798	0,96	1,32	3192	0,94	1,74	4545
80	1,2	1560	2,07	0,69	3557	1,39	1,9	4038	1,37	2,54	5703
100	1,5	1903	2,68	0,9	4179	1,81	2,47	4730	1,79	3,32	6648
120	1,8	2283	3,35	1,12	4827	2,26	3,09	5446	2,25	4,17	7622
140	2,1	2664	4,04	1,35	5447	2,73	3,74	6135	2,74	5,08	8532
160	2,4	3044	4,75	1,59	6052	3,22	4,41	6799			
180	2,7	3425	5,48	1,83	6642	3,73	5,1	7438			
200	3,0	3805	6,23	2,08	7217	4,25	5,81	8064			
220	3,3	4186	7,0	2,34	7777	4,77	6,53	8688			
240	3,6	4566	7,78	2,6	8332						
260	3,9	4947	8,57	2,86	8873						

