

All Dielectric Self-Supporting Cable



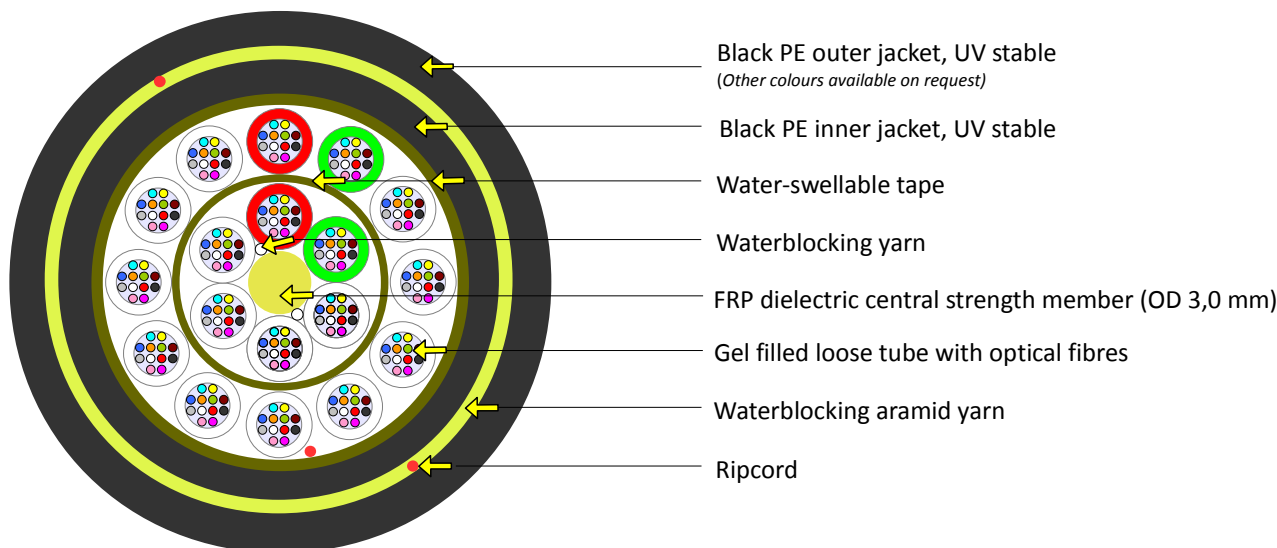
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ID: **N7RI**

4.3.2019 ver. 6

ADSS-DQ2Y(ZN)2YT 15kN 18×2,8 max. 216F

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
- Water-swellable tape
- Waterblocking yarn
- FRP dielectric central strength member (OD 3,0 mm)
- Gel filled loose tube with optical fibres
- Waterblocking aramid yarn
- Ripcord

Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	20,9±0,4	mm	EN 60811-203
Cable weight	337	kg/km	
Inner jacket thickness	1	mm	
Outer jacket thickness	2	mm	
Loose tube diameter	2,8	mm	
Max. allowable tension	15	kN	EN 60794-1-21-E1
Max. operation tension	12,5	kN	
Crush resistance test	3000	N	EN 60794-1-21-E3
Impact resistance test	20	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
EN 60794-1-22-F1			

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

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	7	Red
2	Green	8	Green
3-6	White	7-18	White

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

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	1157	0,79	0,31	2666	0,5	0,74	3010	0,48	0,94	4251
60	0,9	1736	1,27	0,51	3724	0,81	1,2	4161	0,79	1,54	5812
80	1,2	2315	1,78	0,71	4725	1,15	1,7	5235	1,12	2,2	7244
100	1,5	2894	2,33	0,93	5650	1,5	2,22	6259	1,48	2,9	8543
120	1,8	3472	2,9	1,15	6548	1,88	2,77	7214	1,86	3,64	9859
140	2,1	4051	3,49	1,38	7418	2,26	3,34	8166	2,26	4,42	11073
160	2,4	4630	4,1	1,63	8241	2,66	3,93	9072	2,67	5,22	12250
180	2,7	5208	4,71	1,8	9075	3,06	4,53	9953			
200	3,0	5787	5,34	2,12	9881	3,48	5,14	10826			
220	3,3	6366	5,99	2,38	10678	3,91	5,77	11675			
240	3,6	6945	6,65	2,64	11449	4,34	6,42	12500			
260	3,9	7523	7,31	2,9	12225						

