

All Dielectric Self-Supporting Cable

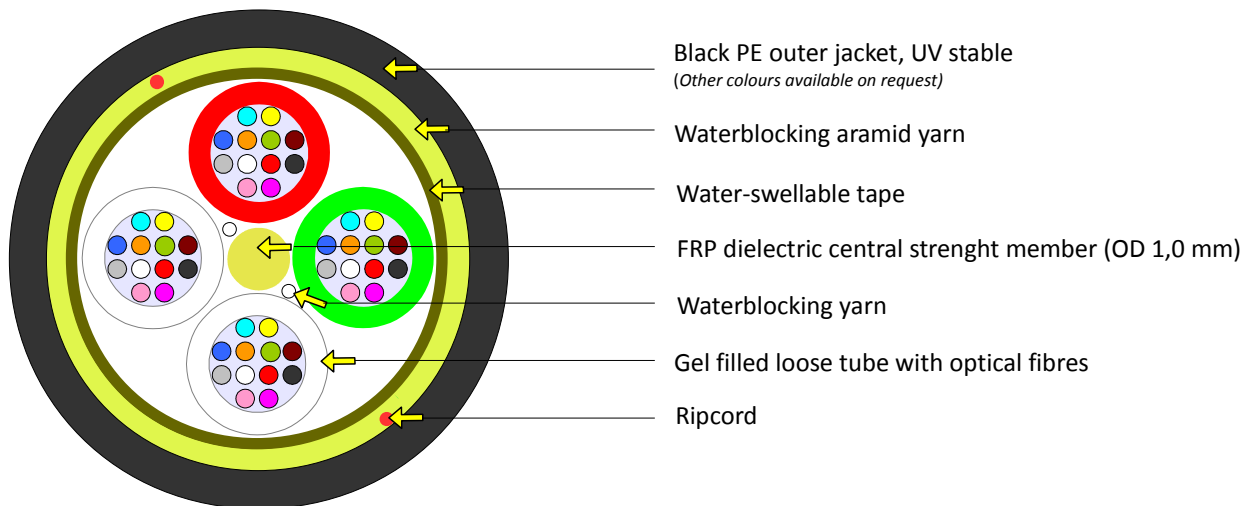


ID: **N3XI**

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 14.5.2018 ver. 5

ADSS-DQ(ZN)2YT 3kN 4×2,5 max. 48F

This cable is suitable for outdoor aerial use.



- Black PE outer jacket, UV stable
(Other colours available on request)
- Waterblocking aramid yarn
- Water-swallowable tape
- FRP dielectric central strength member (OD 1,0 mm)
- Waterblocking yarn
- Gel filled loose tube with optical fibres
- Ripcord

Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	10,2±0,5	mm	EN 60811-203
Cable weight	81	kg/km	
Outer jacket thickness	1,8	mm	
Loose tube diameter	2,5	mm	
Thermal expansion coefficient	17,9	ppm/K	
Modulus of elasticity	7,2	Gpa	
Max. allowable tension	3	kN	EN 60794-1-21-E1
Max. operation tension	2,6	kN	EN 60794-1-21-E1
Crush resistance test	3000	N	EN 60794-1-21-E3
Impact resistance test	3	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
3-4	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	262	1,11	0,32	947	0,83	1,04	1246	0,83	1,42	1904
60	0,9	393	1,84	0,52	1284	1,39	1,73	1683	1,4	2,39	2545
80	1,2	524	2,63	0,75	1594	2,0	2,5	2079			
100	1,5	655	3,48	0,99	1887	2,66	3,32	2450			
120	1,8	786	4,38	1,25	2159						
140	2,1	917	5,32	1,38	2425						

