

Self-Supporting Aerial Flat Cable

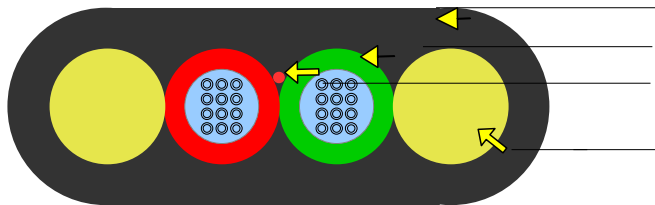
ID: **Z159**



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Fve 2x12(652.D)L - A-D(2ZN)2YT HD 2x12

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



- Black HDPE outer jacket, UV stable
(Other colours available on request)
- Gel filled PBT loose tube with optical fibres
- Rip-cord
- Strength member

Fibre colour coding

According to Magyar Telekom

- | | |
|----------|--------------|
| 1 red | 7 grey |
| 2 green | 8 violet |
| 3 yellow | 9 black |
| 4 blue | 10 orange |
| 5 brown | 11 turquoise |
| 6 white | 12 pink |

Sheat Marking

- | | |
|--------------|---|
| Print colour | White |
| Print method | INK-Jet – durable |
| Print legend | << KDP/Exim Kábel Kft. >> << mm/yyyy of manufacturing >>
>> << Fve 2x12(652.D)L E9/125 A-D(2ZN)2YT ADSS flat cable >> << production number >> << lenght m >> |

Tube colour coding

According to Magyar Telekom

- 1 red
- 2 green

Design

Fve 2x12(652.D)L - Optical fibre aerial cable containing
12 single-mode optical fibres compliant to ITU-T G.652.D Recommendation

Packaging:

Standard put-up length is 2 100 m ± 5 % on Plywood drum with size 600x300x390, other lengths on request

Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	9,1±0,3 x 3,8±0,4	mm	EN 60811-1-1
Cable weight	39	kg/km	
Outer jacket thickness	1,0 ± 0,2	mm	
Loose tube diameter	1,7	mm	
Thermal expansion coefficient	9,4	ppm/K	
Modulus of elasticity	16,0	Gpa	
Max. allowable tension	1300	N	EN 60974-1-2-E1
Vibration Test	300	Hours	Tested by Telenco
Crush resistance test	4000	N	EN 60974-1-2-E3
Impact resistance test	3	Number impact	EN 60974-1-2-E4
Min. bend radius (no load)	100	mm	EN 60974-1-2-E11a
Min. bend radius (load)	140	mm	EN 60974-1-2-E11b
Temperature range	Installation	-15 to + 50°C	EN 60794-1-22-F1
	Operation	-40 to + 70°C	
	Storage	-40 to + 70°C	

Cable life time - minimum 30 years