

# Multi Module Cable

ID: **X007**



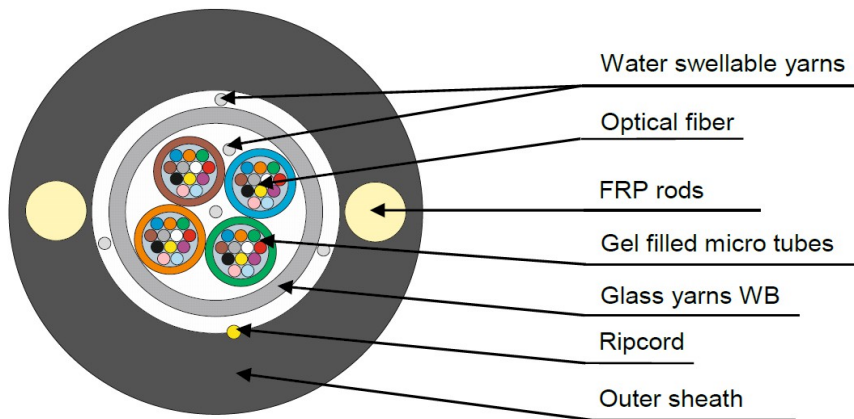
WORLD CONNECTING CABLES  
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## Fve 12x12 (652.D)L A-DQ(2ZN)2Y max. 144F

Cable consists of bundle of micro tubes with optical fibers and water swellable yarns. Micro tubes are filled with waterblocking gel. Water swellable tape is laid over micro tubes. Aramid yarns and two ripcords are laid under external jacket. External jacket is made of MDPE. Two strength members (FRP rods) are located inside the jacket.

**Design:** Fve .....(652.D)L - Optical fibre aerial cable containing ..... single-mode optical fibres compliant to ITU-T G.652.D Recommendation



### Mechanical and Environmental properties

Fibre count	12	24 - 48	72	96	144
Max cable diameter, mm	7,2	9,3	10,5	11,4	12,2
Max cable weight, kg/km	42,3	63,5	84,1	95,1	110,4
Tensile strength, kN	1	1,2	2	2	2,2
Module of Elasticity, kN/mm <sup>2</sup>	6,7	5,18	6,3	5,36	5,34
Thermal expansion coeff., 10 <sup>-6</sup> (°C) <sup>-1</sup>	13,03	13,78	12,08	12,82	12,47
Crush resistance, N/cm	250	250	250	250	250
Loose tube diameter, mm	1,2	1,2	1,2	1,2	1,2
FRP diameter, mm	1	1	1,2	1,2	1,2
Outer sheath thickness, mm	2	2	2,2	2,2	2,2

### Operation parameters

Installation temperature	-10 to +50	°C
Operation temperature	-40 to +70	°C
Storage temperature	-50 to +50	°C
Cable life-time	25	years
Table of Span limits on request		

### Sheat Marking

Print colour	White
Print method	INK-Jet
Put-up lenght	4 000m an other on request
Packaging	depending on requested put-up lenghts

### Printing:

<< KDP/Exim Kábel Kft. >> << mm/yyyy of manufacturing >>  
<< Fve ...x...(652.D)L E9/125 A-DQ(2ZN)2Y ADSS multi module cable >>  
<< production number >> << lenght m >>

### Fibre and Tube colour code:

Red, Green, Yellow, Blue, Brown, White,  
Grey, Purple, Black, Orange, Turquoise, Pink  
\* rest of 12f of the same colour with black stripes, in distance 40±10mm

