



**48F EXTRALINK SM AERIAL
OPTICAL FIBRE CABLE (ADSS)
48J G652 D DIAMETER 10.8MM
2KN WITH FRP FUJIKURA
FIBERS INSIDE**

10,55 PLN brutto
8,58 PLN netto

Producent: EXTRALINK

Price for 1m

Fujikura fibers inside

Overview:

48F EXTRALINK cable for suspension and operation on the supports of overhead communication lines, urban electric transport and overhead transmission lines under conditions of loads from wind, ice, temperature and their combinations.

Cable structure:

- 1 - Central Strength Member - Fiber Reinforced Plastic
- 2 - Optic fibers (ITU-T G.652D)
- 3 - Lose tubes (Gel-Filled)
- 4 - Cordelia (filling element) of low density polyethylene (number of Cordelia in the figure may not match the number of the cable)
- 5 - Thixotropic hydrophobic filler
- 6 - The fastening winding of synthetic yarns and tapes
- 7 - Peripheral Strength Member - glass yarns
- 8 - Outer Sheath - MD Polyethylene, black

Specifications:

Optical													
Type of fiber optic	ITU-T G.652D												
Type single-mode optical fiber	FutureGuide® - LWP (Fujikura, Japan)												
Attenuation at a reference wavelength, dB/km: - 1310 nm - 1550 nm Chromatic Dispersion at a reference wavelength, ps/(nm·km): - 1310 nm/ 1550 nm	0.36 0.22 3.5/18												
Weight & Dimensions													
The number of fibers in the cable	48												
The number of fibers in the loose tube	12												
The number of loose tubes in the cable	4												
The diameter of the loose tube, mm	2,5												
Diameter Central Strength Member - Fiber Reinforced Plastic, mm	1,8												
The sheath thickness, mm	1,8												
Cable diameter, mm	10,82												
Cable weight, kg / km	89,12												
Mechanical & Environmental													
Tensile strength during installation, kN	2.0												
Crush resistance, N/100 mm	3000												
Impact, Nm	10												
Minimum bending radius, under/without force mm	20 x cable diameter												
Operating temperature, °C	-40°C - +60°C												
Storage temperature, °C	-50°C - +60°C												
Installation temperature, °C	-10°C - +60°C												
Optic fibers and loose tubes color coding													
Optic Fiber	<table border="1"> <tr> <td>Red</td> <td>Green</td> <td>Blue</td> <td>Yellow</td> <td>White</td> <td>Grey</td> </tr> <tr> <td>Brown</td> <td>Violet</td> <td>Orange</td> <td></td> <td>Pink</td> <td>Aqua</td> </tr> </table>	Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Orange		Pink	Aqua
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