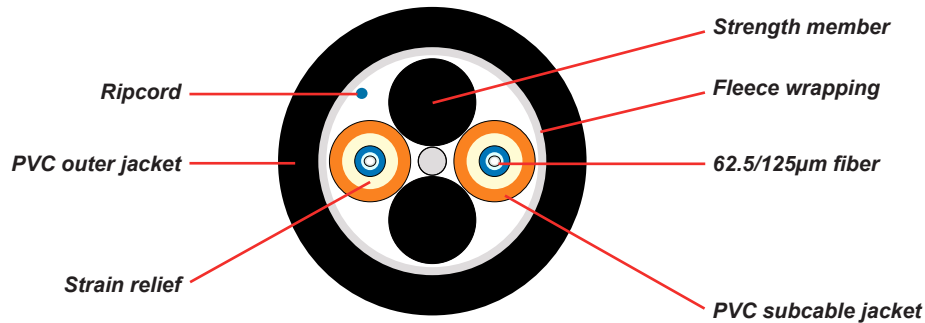


Glass optical fiber outdoor cable 62.5/125µm duplex, breakout, PVC jacket


Pic. 1 Cable cross-section with description

1 Features

- rugged breakout cable
- drag chain useable
- flame retardant
- quick and simple connectorizing
- direct connectorizing
- good resistance against oil, petrol, acid and leach
- longitudinally watertight subcables

3 Applications

- for indoor and outdoor installations
- for installations in harsh industrial environment

4 Ordering information

Specification

Duplex optical fiber
outdoor cable

Part number

93FAGVN00620902SW-PE

2 Technical data

Dimensions	Core diameter	62.5µm
	Cladding diameter	125µm
	Buffer diameter	900µm
	Subcable diameter	2.5mm
	Outer jacket diameter	9.5mm
Material / colour	Subcable jacket	PVC orange
	Outer jacket	PVC black
Numerical aperture		0.275
Max. attenuation	@ 850nm	3.2 dB/km
	@ 1300nm	0.9 dB/km
Bandwidth	@ 850nm	200 MHz x km
	@ 1300nm	500 MHz x km
Max. pull force	Operation	800 N
Min. bending radius	Operation	> 10x outer diameter
	Short-term during installation	> 15x outer diameter
Max. crush resistance	Operation	< 800 N/dm
Impact resistance		2 Nm / 10 impacts
Thermal properties	Transport and storage	-25°C to +80°C
	Installation	-5°C to +50°C
	Operation	-20°C to +80°C
Fire load	nominal	1.20 MJ/m
Weight		80 kg/km
Type		AT-V(ZN)YY 2G62,5/125

The information released by Ratioplast-Optoelectronics GmbH in this data sheet is believed to be accurate and reliable. However, no responsibility is assumed by Ratioplast-Optoelectronics GmbH for its use. Ratioplast-Optoelectronics GmbH reserves the right to change circuitry and specifications at any time without notification to the customer.