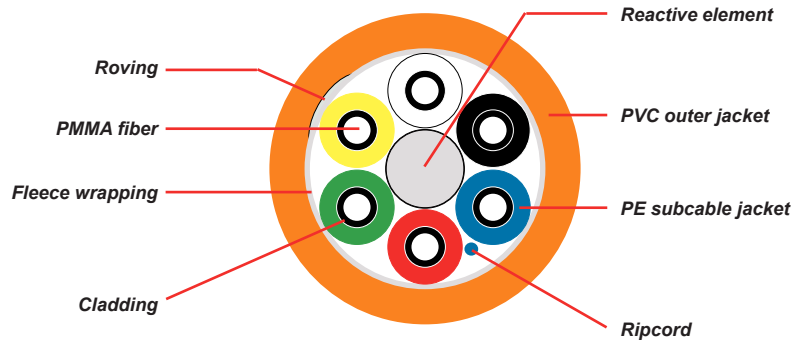


Breakout cable 6xPOF 1/2,2mm with PVC jacket



Pic. 1 Cable cross-section with description

1 Features

- direct connectorizing
- rugged plastic optical fiber
- highly flexible
- limited resistance against oil, petrol, acid and leach

3 Applications

- for fixed installation in cable ducts, on cable trays or in cable conduits
- optical networks
- industrial electronics
- power electronics

2 Technical data

4 Ordering information

Specification

Cable 6xPOF 1/2.2mm

Part number

903IP00106942

Dimensions	Core diameter Cladding diameter Subcable diameter Outer diameter cable	980µm 1000µm 2.2mm 8.7mm
Material / colour	Subcable jacket Outer jacket	PE white/black/blue/red/green/yellow PVC orange
Weight		appr. 60.0 kg/km
Max. pull force	Operation Short-term during installation	≤ 30 N ≤ 100 N
Min. bending radius	Operation Short-term during installation	≥ 85mm ≥ 130mm
Max. compressive load	Operation Short-term during installation	≤ 100 N/dm ≤ 1000 N/dm
Thermal properties	Transport and storage Installation Operation	-30°C to +70°C -5°C to +50°C -20°C to +70°C
Attenuation	@ 650nm (Laser) @ 660nm (LED)	< 220 dB/km < 310 dB/km
Bandwidth	@ 650nm	> 10 MHz x 100m
Numerical aperture		0.50
Type		I-V 2YY 6P980/1000

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.