

Product Description:

The Plastic fibre cable is a single plastic fibre cable of 2mm diameter terminated with FSMA standard connectors. It is designed for the use in connection with AFT Arc detector systems. The plastic cable is known for its superior radiation hardness compared to multimode glass fibre cables.

Cables are available in standard lengths of 2.5m, 5m, 10m and 20m. Customized lengths are available on request.

Reference part no.: **PFOCxxx** xxx is 10 times the cable length in meter, e.g. PFCO025 for a cable length of 2.5m.

Product Specifications:

Fiber diameter	2 mm
Coating diameter	3±0.15 mm
Coating material	PE, black
Numerical aperture NA ($\lambda = 587 \text{ nm}$)	0.5
Attenuation	≤ 0.2 dB/m at 650 nm
Operating Temperature Range	-20°C to +70°C
Minimum bending radius	10 cm
Connector type	FSMA connector 1/4"-36 UNS female thread
Tensile loading	29 kg



Warning: Do not pull, twist or bend the cable with a radius less than 10 cm, as it can permanently destroy the cable.

Revision	Date	Remark	Author
01	21.04.2010	initial	C. Weil
02	04.08.2010	part no. Codes added	C. Weil
03	26.10.2016	standard length, temperature range	C. Weil