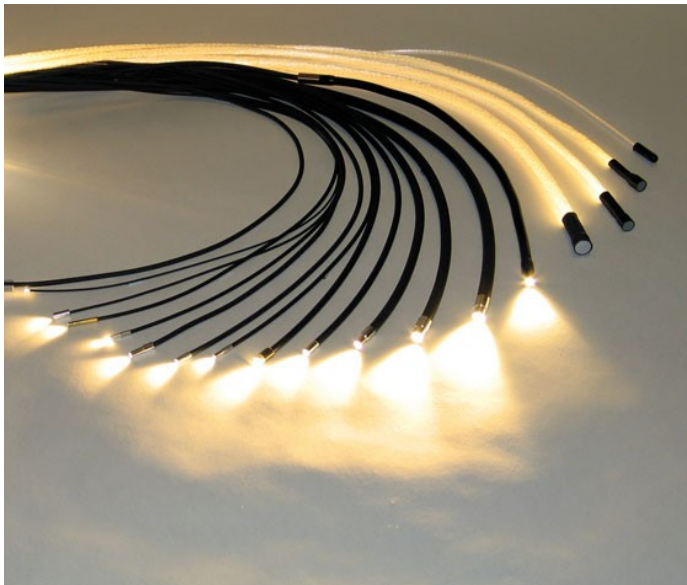


RobLight PMMA



RobLight PMMA fibre optic tails are available in multiple strands as well as single.

We only use high quality PMMA fibres exclusively from world leading fibre optic manufacturers.

We offer a wide variety of fibre harnesses either uniform or different fibre dimensions, either in uniform or different lengths, as well as we can produce any tailored fibre solutions according to requirements.

PMMA fibre is ideal for most applications.

RobLight PMMA

With jacket

Type	Item no.	Max fibre tails in				Raw fibre	Outer dia.	Bending radius
		Ø9	Ø9-R	Ø28	Ø28-R			
RobLight PMMA Ø1.0mm	5200 0524	82		583		1 x Ø1.0 mm	Ø2.2 mm	Min. 8 mm
RobLight PMMA Ø1.5mm	5200 0548	49		345		3 x Ø0.75mm	Ø2.7 mm	Min. 12 mm
RobLight PMMA Ø2.0mm	5200 0550	21	19	148	144	7 x Ø0.75 mm	Ø3.9 mm	Min. 16 mm
RobLight PMMA Ø3.0mm	5200 0551	10	9	74	72	14 x Ø0.75 mm	Ø4.9 mm	Min. 24 mm
RobLight PMMA Ø4.5mm	5200 0552	5	5	38	37	27 x Ø0.75 mm	Ø6.4 mm	Min. 36 mm
RobLight PMMA Ø6.0mm	5200 0553	2		20	20	50 x Ø0.75 mm	Ø8.9 mm	Min. 48 mm
RobLight PMMA Ø8.0mm	5200 0557	1		13	13	75 x Ø0.75 mm	Ø10.0 mm	Min. 60 mm
RobLight PMMA Ø10.0mm	5200 0595	1		8	8	71 x Ø1.0 mm	Ø12.0 mm	Min. 75 mm
RobLight Starfield 50	5200 0650	3		21			Ø5.8 mm	

RobLight PMMA

Solid core

Type	Item no.	Max fibre tails in		Raw fibre	Outer dia.	Bending radius
		Ø9	Ø28			
RobLight PMMA Ø1.0mm	5200 0524	82	583	1 x Ø1 mm	Ø2.2 mm	Min. 20 mm
RobLight PMMA Ø1.5mm	5200 0530	36	259	1 x Ø1.5 mm	Ø2.3 mm	Min. 30 mm
RobLight PMMA Ø2.0mm	5200 0549	20	145	1 x Ø2.0 mm	Ø3.3 mm	Min. 40 mm

RobLight PMMA

No jacket

Type	Item no.	Max fibre tails in		Raw fibre	Outer dia.	Bending radius
		Ø9	Ø28			
RobLight PMMA Ø0.5mm	5200 0505	330	2333	1 x Ø0.5mm	Ø0.5 mm	Min. 12 mm
RobLight PMMA Ø0.75mm	5200 0507	147	1037	1 x Ø0.75mm	Ø0.75 mm	Min. 16 mm
RobLight PMMA Ø1.0mm	5200 0510	82	583	1 x Ø1.0 mm	Ø1.0 mm	Min. 20 mm
RobLight PMMA Ø1.5mm	5200 0501	36	259	1 x Ø1.5 mm	Ø1.5 mm	Min. 30 mm
RobLight PMMA Ø2.0mm	5200 0502	20	145	1 x Ø2.0 mm	Ø2.0 mm	Min. 40 mm

Technical information

Core material	PMMA
Cladding material	Fluorinated polymer
Refractive index	1.49
Ambiant temperature	-25° to +60° C in low humidity; <60° C at 95% RH
Jacket material	Thermoplastic, halogen free, fire retardant cable sheathing compound.

For optimal light output please refer to LuxCalc on www.rob-light.com