

End Lit Glass Fiber Harnesses



Universal Fiber Optics glass fiber optic harnesses offer unparalleled light output, very long life and extraordinary color characteristics.

Benefits of UFO glass fiber include:

- Compliance with the IEC fire retardant standard 60332-1-2
- Unique fused technology
- Resistance to high temperatures which offers the greatest possible light output without heat filters
- UV resistant common end
- Flexible multi-fiber construction
- High packing density which ensures compatibility with tightly focussed illuminators
- High quality glass fibers offering exceptional transmission and colour characteristics
- Factory terminated common ends for superior quality, performance and longevity

Size	1	1.5	1.8	2	8	12	18	24	36	-
Approx outer diameter	2.3mm (0.1")	2.7mm (0.11")	2.6mm (0.1")	3.9mm (0.15")	4.9mm (0.19")	6.4mm (0.27")	7.4mm (0.32")	8.7mm (0.35")	10.1mm (0.4")	10.5mm (0.43")
Approx active diameter	1mm (0.04")	1.5mm (0.06")	1.8mm (0.07")	2mm (0.08")	3mm (0.12")	4.3mm (0.17")	5mm (0.2")	6mm (0.25")	7mm (0.3")	7.5mm (0.32")
Minimum bend radius	7mm (0.27")	8mm (0.32")	10mm (0.39")	15mm (0.59")	18mm (0.7")	20mm (0.79")	40mm (1.57")	50mm (2")	70mm (2.75")	80mm (3.15")
Maximum no. of tails	400	270	160	135	68	38	25	17	12	10
Tail ferrule options	crimp	crimp tube	crimp tube	crimp tube 3mm	M8 M10	M8 M10	M8 M10	M8 M10	M10	M10
Common end	30mm (1.18") fused technology harness									
Flexible sheathing	HFFR compounds - halogen free and flame retardant									
Operating temperature	Common end face:		min. 0°C - max. 350°C							
	Flexible tube:		min. 0°C - max. 150°C							
	Flexible sheathing:		min. 0°C - max. 70°C							