



ACTIVE

OPTICAL FIBERS

FOR MID-IR APPLICATIONS



About us

At Coractive, we are constantly designing and innovating to manufacture specialized optical fibers so our customers can become and remain leaders in their markets.

With the mission of providing the highest quality optical fiber solutions and outstanding customer service, we specialize in optical fiber design and manufacture.

Founded in 1998 and based in Quebec City, Canada, Coractive's team of specialists have since helped to deliver tried and tested solutions throughout the world.

List of Optical Fibers for Mid-IR Applications

Fiber type	Model	Core Diameter (μm) or MFD*	Cladding Diameter (μm)	Core NA	Cutoff Wavelength (μm)	Applications	Description
AsSe Chalcogenide Fibers	IRT-SE-6/170	6	170	0.175	1.2	Mid-IR delivery 2-9 μm transmission range.	Single mode
	IRT-SE-12/170 SEG	12	170	0.77	-		Optimized for supercontinuum generation applications.
	IRT-SE-14/170	14	170	0.22	4		Single mode
	IRT-SE-18/170	18	170	0.22	5.2		Single mode
	IRT-SE-28/170	28	170	0.22	-		Multimode
	IRT-SE-100/170	100	170	0.26	-		Multimode
AsS Chalcogenide Fibers	IRT-SU-7/170	7	170	0.26	2.0	Mid-IR delivery 2-6 μm transmission range.	Single mode
	IRT-SU-9/170	9	170	0.26	2.8		Single mode
	IRT-SU-11/170	11	170	0.26	3.5		Single mode
	IRT-SU-70/170	70	170	0.26	-		Multimode
	IRT-SU-100/170	100	170	0.26	-		Multimode
	IRT-SU-400/450	400	450	0.26	-		Multimode

For additional information please contact our sales representatives.

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