

Long Fiber Optic Cables



The standard fiber optic cable length is 3 feet (914 mm). Maximum cable lengths are limited by the type of fiber used with specific sensor models as shown in this table.

Maximum Continuous Cable Length

Model	Feet	Meters	Model	Feet	Meters
D20	49.5	15	RC19	49.5	15
D21	29.5	9	RC20	29.5	9
D47	29.5	9	RC25	49.5	15
D63	49.5	15	RC31	49.5	15
D64	29.5	9	RC32	29.5	9
D100	29.5	9	RC59	49.5	15
D125	29.5	9	RC60	29.5	9
D169	29.5	9	RC100	29.5	9
D170	10	3	RC125	10	3
D171	10	3	RC171	10	3
D240	10	3	RC190	10	3
			RC290	10	3

OPTIONS

Cable lengths can be extended by adding in-line connectors. ~15 m of additional length can be added between the sensor amplifier and the in-line connector using efficient low-loss fibers. The maximum cable length from the connector to the sensor tip is limited by the values in the table above.

NOTES

1. Sensors with long cables will have higher noise levels than standard short length cables.
2. Please contact the factory if long cables are needed in combination with high bandwidth and/or dark targets.

