

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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THE MODEL OFM1020 AVIONICS OTDR

The OFM1020 has been designed specifically to characterize and fault find the short runs encountered in aircraft optical harnesses. While not limited to aircraft harnesses, the harnesses can be Mapped into the OFM1020 memory and subsequently Tested at any time.



The harnesses consist of a series of Links, each Link with a series of features. The OFM1020 finds the features automatically in the selected Link and Maps the position and returned signal strength. The operator selects the features of interest by choosing a threshold signal strength above which the OFM 1020 will record the feature.

Standard models

- OFM1020 - 850MM50
- OFM1020 - 850MM62
- OFM1020 - 850MM100
- OFM1020 - C850MM50
- OFM1020 - C850MM62
- OFM1020 - C850MM100

The -C series have a built in calibrated map. This enables the operator to periodically verify the calibration of the OFM1020.

SPECIFICATIONS ...

Size	36x46x20 cm (14x18x8 in)		Fiber	50/125, 62.5/125, 100/140
Weight	11 kg (22 lb)		Connector	Diamond
Power ac	110 V, 60/400Hz		Resolution	1 in
Power dc	28 V		Deadzone	Zero
Vibration	3 g		Accuracy	0.05 dB
Shock	46 cm (18 in)		Max Distance	700 m (1000 ft)
Operation	Real-time		Storage Temp.	-40 to +60 ^{0}C
Measurement	Map/Test		Operating Temp.	-20 to +35 ^{0}C
Map Time	20 sec / Link		Humidity	95 %
Test Time	5 sec / Link		Dust/Waterproof	Yes
Memory	Flash		RF Proof	Yes
Interface	IEEE-488, RS232		Explosion Proof	Yes

FOR MORE INFORMATION ...

- Call, Fax or E-mail your request for a 12 page booklet on the OFM1020.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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